PERIODICAL GUIDE FOR COMPUTERISTS

An Index of Personal Computing Magazine Articles

January - December **1979**

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TABLE OF CONTENTS

MAGAZINE AND ABBREVIATION LIST----2
AMATEUR RADIO----3
ANALOG APPLICATIONS
" HARDWARE AND CIRCUITS----3
" A-D AND D-A CONVERTERS----4
APPLICATIONS, GENERAL----5
ART----5
BOOKS AND PUBLICATIONS----6
BUSINESS
" GENERAL----6
" ACCOUNTING----7
" APPLICATIONS SOFTWARE----7
CALCULATORS
" GENERAL----8
" APPLICATION PROGRAMS----8
" SELECTION GUIDES----9
CLOCKS AND TIMERS----9
CLUBS AND ORGANIZATIONS----10
CODE CONVERSION----10
COMMUNICATIONS----10
CONSTRUCTION----10
CONTROLLERS----11
DEBUGGING, HARDWARE----11
DEBUGGING, SOFTWARE----11
DEFINITIONS----11
DEVELOPMENT SYSTEMS----12
DIGITAL HARDWARE ----12
DISPLAYS, 7-SEG. ETC.----13
EDUCATION----13
ERROR CORRECTION----14
EXPERIENCE----14
FICTION----15
FUTURE----15
GAMES
" CALCULATOR----15
" CHESS----15
" COMPUTER----16
" ELECTRONIC AND VIDEO----18
GENERAL INTEREST----19
GRAPHICS----19
HISTORY----21
HOME APPLICATIONS----21
HUMOR----22
I/O----22
INTELLIGENCE, ARTIFICIAL----23
INTERFACES AND BUSSES----23
KEYBOARDS----24
LANGUAGES
" GENERAL----24
" APL----24
" BASIC----25
" FORTRAN----26
" LISP----26
" PASCAL----26
" PILOT----27
" TINY----27
" OTHER----27
LOGIC CIRCUITS AND FUNDAMENTALS---28
MATH, GENERAL----28
MATH, PROBLEMS AND PUZZLES----29
MEDICAL APPLICATIONS----30
MEMORY
" BUBBLE----30
" DISKS, HARD AND FLOPPY----30
" EPROM, PROM AND ROM----31
" RAM----32
" TAPE, PAPER AND MAGNETIC----33
" TEST----33
MICROCOMPUTERS
" GENERAL----33
" DESIGN----34
" FUNDAMENTALS----34
" SELECTION GUIDE----35
" APPLE----35
" ATARI----36
" COMPUCOLOR----36
" ELF AND VIP----36
" EXIDY SORCERER----36
" HEATH/ZENITH----36
" KIM, SYM AND AIM----37
" NORTH STAR----37
" OHIO SCIENTIFIC----37
" PET----38
" RADIO SHACK TRS-80----39
" SOL----41
" SWTPC----41
" TEXAS INSTRUMENT----41
" OTHER----41
MICROPROCESSORS
" GENERAL----42
" SELECTION GUIDE----42
" 1802 (COSMAC)----42
" 6502----42
" BIT SLICE----43
" F-8----43
" INTEL 8048, 8080, 8085, 8086---43
" MOTOROLA 6800, 6809, 68000----44
" SC/MP----45
" TMS-9900----45
" ZILOG, Z8, Z80, Z8000----45
" OTHER----45
MODEM----45
MUSIC AND SOUND----46
NUMBER-BASE CONVERSION----46
PERSONAL COMPUTING----47
PLOTTERS----47
POWER SUPPLIES----47
PRINTERS----48
PROGRAMMING
" GENERAL----48
" FUNDAMENTALS----49
" STRUCTURED----50
PUBLIC ACCESS----51
ROBOTS----51
SERIAL I/O----51
SHOWS----52
SIMULATION AND COMPUTER MODELING--52
SOFTWARE
" APPLICATION PROGRAMS----53
" ASSEMBLERS AND MONITORS----55
" OPERATING SYSTEMS----56
" UTILITY PROGRAMS----57
SPEECH----60
STANDARDS----60
STORES AND ENTERPRISES----60
TERMINALS----60
TEST EQUIPMENT----61
TIMESHARING----62
VIDEO DISPLAYS----62
WEATHER AND THE ENVIRONMENT----63
WORD PROCESSING AND TEXT EDITING--63
AUTHOR INDEX----64
MAGAZINE ADDRESSES----80

LIST OF ABBREVIATIONS AND MAGAZINES INDEXED

ABBREVIATION	MAGAZINE
Byte	Byte
Calc. Comp.	Calculators / Computers
Compute	Compute
Comp. Des.	Computer Design
Cr. Comput.	Creative Computing
Dig. Design	Digital Design
Dr. Dobbs	Dr. Dobbs Journal of Computer
EDN	EDN
Electronics	Electronics
Elec. Des.	Electronic Design
Ham Radio	Ham Radio
Interf. Age	Interface Age
Kilobaud	Kilobaud
Micro	Micro
onComputing	onComputing
PCW	Personal Computer World
Per. Comput.	Personal Computing
Pop. Elec.	Popular Electronics
QST	QST Amateur Radio
Radio Elec.	Radio Electronics
Rec. Comput.	Recreational Computing
"68" Micro	"68" Micro Journal
73	73 Amateur Radio
80-U.S.	80-U.S. Journal

MONTH ABBREVIATIONS
A Number following the Month designates the day of issue.

Ja	January
F	February
Mr	March
Ap	April
My	May
Je	June
Jy	July
Ag	August
S	September
O	October
N	November
D	December
Su	Summer
Fl	Fall
W	Winter

TYPE OF LISTING

a	Article
b	Book Review
e	Editorial
l	Letter from Reader

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JANUARY - DECEMBER 1979

AMATEUR RADIO

Byte	S	p182	a	The AMSAT-GOLEM-80 by Joe Kasser
Byte	D	p247	a	Morse Code Trainer by Mark Berenstein
Cr. Comput.	D	p32	a	Profile: Satellite Tracking Software by Randy Heuer
Electronics	F 1	p135	a	HP-25/HP-33E aids design of short-vertical antennas by Walter J Schulz
Electronics	Mr1	p146	a	HP-67/97 tacks communications satellites by D C Mitchell
Electronics	S 13	p149	a	HP-67/97 program plots antenna's polar pattern by D C Mitchell
Ham Radio	Ap	p26	a	Calculator Aided Propagation Predictions by Henry Elwell
Ham Radio	Jy	p12	a	Display SSTV Pictures on a Fast Scan TV (Using uP) by Clayton Abrams
Ham Radio	Ag	p16	a	CW Trainer/Keyer Using a Single Chip Microcomputer by John Beaston
Interf. Age	Ja	p128	a	Designing the Lakeland Repeater (WR4 AWJ) Control and Identify Program by Bill Hunsicker
Micro	Je	p13	a	The Basic Morse Keyboard by William Taylor
Micro	S	p29	a	AIM-65 in the Ham Shack by Marvin DeJong
PCW	Ja	p19	a	These Dashed Dots...Those Dotty Dashes--- by Ron Williams
Pop. Elec.	D	p64	a	Computer Aided Morse Code Practice by Terry Mayhugh
QST	F	p38	a	Circular Orbits with Simple Computing Systems by Bryan Leipper
QST	Jy	p41	a	Morse Code Transmissions of Computer Programs by Phillip Emerson
QST	O	p22	a	A Microprocessor-Based Morse Keyboard by C Eubanks
73	Ja	p100	a	Design-a-Notcher - Automated Filter Values by Glen Deibert
73	Ja	p102	a	The COSMAC Connection: Part 1 - Computerized CW by Thomas Hutchinson
73	Ja	p108	a	Noise Bridge BASICs Computer-Optimized Radiation by Terry Conboy
73	Ja	p114	a	The Morse Master Convert Your Computer Friends to Hamdom
73	F	p106	a	The COSMAC Connection: Part 2 - Meeting Mr. Morse by Thomas Hutchinson
73	F	p110	a	Learning the Code-A Better Way, Let Your Micro Help by George Waldie
73	F	p94	a	An 8080 Repeater Control System Part 1: An overview by Robert Glaser
73	Mr	p100	a	An 8080 Repeater Control System Part 2: Hardware by Robert Glaser
73	Mr	p110	a	Try a Log Periodic Antenna - with a computerized design by Christopher Johnson
73	Mr	p114	a	The Micro Magic Pi Designer - figure networks with a minimum of fuss by Gil Boelke
73	Mr	p118	a	Winning the QSO Name Game - sure beats 3x5 cards by Charles Thomas
73	Ap	p82	a	An 8080 Repeater Control System - part 3: software by Robert Glaser
73	Ap	p96	a	The Micro Duper - for small contests by Jozef Boniakowski
73	Ap	p122	a	Has Anyone Seen OSCAR 7? Find it with your SR-56 by Cebrun Mayse
73	My	p72	a	An 8080 Repeater Control System part 4: addenda by Robert Glaser
73	My	p78	a	RTTY Transceive for the KIM-1 - requires video terminal & AFSK generator by Bill Schmidt & Bob Shattuck
73	My	p88	a	DXCC in One Sitting - know your prefixes (program) by Gary Toncre & Chris Wiener
73	Je	p86	a	Now You Can Possess Instant Recall - don't tell 'em the computer helped by Ken Winters
73	Je	p20	a	RTTY Loop: Microprocessors and RTTY by Marc Leavey
73	Jy	p78	a	uComputer RTTY...a Software TU - use your 8080 and little else by Albert Woodhull
73	Jy	p84	a	Baudot Hard Copy For Your SWTPC-noisy, but cheap by Garry Caudell
73	Jy	p14	a	RTTY Loop (Transmit Program) by Marc Leavey
73	Ag	p78	a	Computerize That Mailing List by Ken Winters
73	S	p80	a	Build the KIM Keyer - with a 3-message memory by Marvin DeJong
73	O	p74	a	The MICROSIZER: Computerized Frequency Control, a synthesized VFO by William Cleman & Fred Studenberg
73	N	p90	a	Computerized Slow Scan...Revisited - further enhancements by Clayton Abrams
73	D	p96	a	My TRS-80 Is Here...Now What? - first steps in programming by Allan Joffe
73	D	p104	a	Teaching Your Micro to Count - two mentods for adding counter capability by Sam Creason

ANALOG APPLICATIONS: HARDWARE AND CIRCUITS

EDN	Ja20	p75	a	Reduce CMOS-multiplexer troubles through proper device selection by Dick Wilenken
EDN	F 5	p91	a	Low-voltage op-amp breakthrough expands linear design horizons by Robert Widlar, Robert Dobkin & Mineo Yamatake
EDN	Mr20	p150	a	Circuit measures temperature linearly by P Kapur & Dil Sukh Jain
EDN	Ag5	p116	a	Use a LVDT to construct a simple scale by Bob Bennett
Elec. Des.	F 1	p90	a	Binary gain-range amplifier operates over wide dynamic range by Bruce Ambuter
Elec. Des.	F 15	p142	a	One-shot adapts resistive/capacitive transducers to a uP by Andrew M Hudor
Elec. Des.	F 15	p146	a	Remove the overshoot from a peak detector's output with one resistor by Harold Kirkham
Elec. Des.	Je7	p126	a	Transducer interface sends data over the pair that carries power to it by S Fred Dabney

ANALOG APPLICATIONS: HARDWARE AND CIRCUITS continued

Elec. Des.	Jy19	p129	a	Focus on amplifiers: Performance on the rise for amplifiers by Gene Heftman
Elec. Des.	S 1	p126	a	Active clamp for gated 555 astable produces fully symetrical output by Dan Nachmani
Elec. Des.	N 8	p70	a	Program a spectrum analyzer on a one-chip realtime signal processor 2920 by Robert E Holm
Elec. Des.	N 22	p212	a	Peak detector monitors its ac input, dc output; resets automatically by Bob Marshall
Electronics	Mr29	p115	a	A New breed of linear ICs runs at 1-volt levels by Robert Widlar
Electronics	Ap12	p149	a	8-channel scanner multiplexes data for strip-chart recorder by James M Palmer
Electronics	O 11	p137	a	Transistors--a hot tip for accurate temperature sensing by Pat O'Neil & Carl Derrington
Interf. Age	F	p98	a	NTS Mini-Series Basic Electronics (Devices) by Walter L Stephens
Kilobaud	My	p58	a	Learn with Me: Analog and Digital Interfaces by Rod Hallen
Radio Elec.	Jy	p42	a	Build This Precision Digital Thermometer by Bill Owen
73	Jy	p20	a	Microcomputer Interfacing: Sample and Hold Devices by Titus, Larsen, Rony & Titus

ANALOG APPLICATIONS: A-D AND D-A CONVERTERS

Byte	S	p70	a	A Low-Speed Analog-to-Digital Converter for the Apple II by Richard C Hallgren
Compute	F1	p31	a	PETSET 1a (A/D Converter) by Harvey Herman
Compute	F1	p90	a	Review: 8-Bit Digital to Analog Converter
Cr. Comput.	Mr	p41	b	Bugbook VII, uComputers - Analog Converters by Titus, Titus, Rony & Larsen
Cr. Comput.	N	p98	a	Build Your Own Joysticks and other Analog to Digital Devices by Gary Sabot
Dig. Design	Mr	p66	a	Data Acquisitions A Software Approach by Robert Morrison
Dig. Design	My	p60	a	Principles of Data Acquisition and Conversion--Part I by Eugene Zuch
Dig. Design	Jy	p30	a	Principles of Data Acquisition and Conversion--Part 2 by Eugene Zuch
Dig. Design	Ag	p32	a	Data Acquisition/Microprocessor Interface Performance Analysis Part I by N Jagannathan
Dig. Design	S	p72	a	Principles of Data Acquisition and Conversion Part 3 by Eugene Zuch
Dig. Design	O	p84	a	Principles of Data Acquisition and Conversion Part 4 by Eugene Zuch
EDN	Ja5	p58	a	Software calibration reduces A/D errors (8080) by Fred Gutman
EDN	F 20	p56	a	8080 coding speeds reading of 12 bits by Jim Handy
EDN	Mr5	p77	a	An unusual circuit cofiguration improves CMOS-MDAC performance by Nello Sevastopoulos, Jim Cecil & Tom Frederiksen
EDN	Mr20	p109	a	V/F converter ICs handle frequency to voltage needs by Robert Pease
EDN	My20	p169	a	Choose a uC analog interface board with this handy selection guide by Barry Glasgow
Elec. Des.	F 1	p35	a	Monolithic d/a and a/d converters: The best is yet to come, selec. guide by Lucinda Mattera
Elec. Des.	Mr15	p94	a	Make a linear v/f converter from an op-amp and a 555 by Robert Brainard
Elec. Des.	Mr29	p128	a	Two-chip a/d converter delvers 16-bit performance plus uP compatibility by Peter Bradshaw
Elec. Des.	Ap26	p45	a	Analog I/O boards-the quick, easy way to interface uC with application by Lucinda Mattera
Elec. Des.	D 6	p68	a	Remote data system needs just one twisted pair to link analog sensors by Edward Sliger & G S Osgood
Elec. Des.	D 20	p90	a	8-bit DACs give 15bit resolution in sample & hold circuit by Martin Mallinson
Electronics	Ja4	p148	a	Digital strain gage eliminates a-d converter by N Bahaskara Rao
Electronics	F 15	p135	a	C-MOS a-d converter surges to bipolar speed on sapphire substrate by Daryl Butcher
Electronics	Je7	p139	a	Designing V-f converters to handle bipolar signals by Robert A Pease
Electronics	Ag30	p149	a	Low-Cost a-d converter links easily with microprocessors (AD 7574) by M Tuthill & D P Burton
Electronics	S 13	p134	a	MOS sampled-data technique shrinks a-d converter chip by Thomas P Redfern, J John Connolly, Sing W Chin & Thomas Frederickson
Ham Radio	Je	p78	a	Digital Techniques: Multivibrators and Analog Input Interfacing by Leonard Anderson
Interf. Age	O	p101	a	NTS Mini-Series A/D-D/A Convertors by Walter F Stephens
Kilobaud	Ja	p94	a	One Incompatibility, Solved (Cromemco D+7A) by Albert C Brunelli
Kilobaud	Mr	p40	a	Learn with Me: Analog and Digital Interfaces by Rod Hallen
Micro	My	p25	a	A 100uS 16 Channel Analog to Digital Converter for 65XX uComputer Systems by J C Williams
Micro	Ag	p40	a	Interfacing the Analog Devices 7570J A/D Converter by Marvin DeJong
PCW	Ja	p54	a	8-Bit Analogue Input for PET by D Siddons & A Rodrigues
PCW	Jy	p35	a	D to A Converter by John Coll
PCW	O	p58	a	Sense of Reality: Interfacing Personal Computers to the Analogue World by John Coll
Radio Elec.	O	p126	a	A New A to D Interface Module for uP (Burr Brown MP7400) by Karl Savon
"68" Micro	N	p28	a	Inexpensive Data Acquisition Network for Your Microprocessor by Don Aldridge
73	Mr	p14	a	Microcomputer Interfacing: Interfacing D-A Converters by Titus, Larsen, Rony & Titus

ANALOG APPLICATIONS: A-D AND D-A CONVERTERS continued

73	Ap	p24	a	Microcomputer Interfacing: Data Acquisition by Larsen, Rony, Titus & Titus

APPLICATIONS, GENERAL

Byte	Mr	p206	a	Computer Assisted Flight Planning by Titus Purdin
Byte	My	p10	a	Computer Generated Maps, Part 1 by William D Johnston
Byte	Je	p100	a	Computer Generated Maps, Part 2 by William D Johnston
Byte	Jy	p8	e	Computers and Eclipses by Carl Helmers
Byte	Jy	p225	a	Headwind Progress Made (Flight Planning) by Bruce Ronald Fiene
Byte	O	p22	a	Tracing Your Own Roots by Stan W Merrill
Byte	D	p54	a	Faster Audio Processing with a Microprocessor by William J Dally
Compute	F1	p24	a	Microcomputers for Nuclear Instrumentation by J S Byrd
Cr. Comput.	Ja	p38	a	Guidance Counselor System...college placement program by Lou Kirschner
Cr. Comput.	Mr	p82	a	A Data Base System with a Purpose, Making Life Easier for You by Dave Culbertson
Cr. Comput.	Mr	p114	a	Sports Judging Made Faster...and Easier by N B Winkless
Cr. Comput.	My	p101	a	Mini-Computers Get Wide Usage By the Army by William Milway
Cr. Comput.	Je	p94	a	Two Million Frantic Frenchmen: A study in Probability by N B Winkless
Cr. Comput.	Jy	p46	a	The World of Scouting and Computing by Paul Garrison
Cr. Comput.	N	p74	a	Car Pooling & Personal Computers by John Craig
Cr. Comput.	D	p20	a	Craig and Nixdorf Language Translators by Betsy Staples
Cr. Comput.	D	p62	a	Colorado's Computing Cowboy (rodeos) by Jacquelyn Peake
Cr. Comput.	D	p100	a	The Microcomputer as an Investment Tool by Robert Sharp
Dig. Design	Ap	p68	a	Programmable uP-Based System Provides Total Energy Mangement
Dr. Dobbs	F	p4	a	A Voyage to Antares by Robert Burt, Judith Wasserman & Ramon Zamora
Dr. Dobbs	Mr	p30	a	Build a Self-learning No-programming Computer with your Microprocessor by Klaus Holtz
Elec. Des.	Ag16	p84	a	Solve complex control problems with a desk top computer by Joe Pehoushek
Elec. Des.	S 1	p110	a	Implement digital filters efficiently with a specially configured uC by Richard Karwoski
Elec. Des.	D 20	p50	a	Computer implemented digital bandpass filters give almost any output by Richard J Karwoski
Electronics	N 22	p132	a	Microprocessor adds flexibility to television control system by Karen Karstad
Interf. Age	Ap	p76	a	GA: I Hear You by Carl Warren
Interf. Age	Ap	p119	b	Scientic and Engineering Problem Solving with the Computer by William Ralph Bennett
Interf. Age	Ap	p146	a	Astrological Horoscope Program by Michael & Margaret Erlewine
Interf. Age	Ag	p11	c	Correction for: Astrological Horoscope Program (Interface Age Apr.'79) by Michael Erlewine
Interf. Age	Ag	p121	a	Making the Computer Work for You by Alfred S Baker
Interf. Age	N	p57	a	How to Computerize A Laboratory by Murray A Cowen, Steven Kaye & Jeff Cowen
Interf. Age	D	p46	a	The Inventor's Sketchpad; Spatial Information In Audio Input by Roger Garrett
Kilobaud	F	p17	b	Low-Cost, Personal Computer-Based Investment Decision Systems by Jerry Felsen
Kilobaud	Je	p114	a	Personal Computing, Meet Photography
onComputing	Su	p12	a	Writing with a Microcomputer by Jerry Pournelle
onComputing	W	p48	a	A Voice for Bill by Mark Dahmke
PCW	Ag	p67	b	Using Computers in Physics by J R Merrill
PCW	N	p63	a	Shakespeare, BASIC and the CIA Fingerprinting sentence structure by Julian Allason
PCW	D	p40	a	Today Translators Tomorrow the World (Craig and Lexicon) by Guy Kewney
Pop. Elec.	Ap	p86	a	Computer Bits: Language Translation & Atari Steps In by Leslie Solomon
"68" Micro	F	p9	a	Crunchers Corner: Your Computer and the Real World by Jack Bryant
80-U.S.	Mr	p15	a	Micro-Computers in the Futures Market by Jeffrey Miller

ART

Byte	Jy	p105	a	The Mathematics of Computer Art by Kurt Schumucker
Cr. Comput.	Je	p46	a	New Tool for the Sculptor Computerized "Clay" by Deborah Blakely
Cr. Comput.	Ag	p42	a	Computers and Dance by Linda Hirschman
Cr. Comput.	O	p74	a	Art and Technology by David Ahl
Cr. Comput.	N	p84	a	Computers as Media at Westlake Gallery by Cathy Westlake
Dr. Dobbs	F	p4	a	A Voyage to Antares by Robert Burt, Judith Wasserman & Ramon Zamora
Interf. Age	D	p72	a	The Computerized Artist: Graphics for Artists Who Aren't Programmers by Betsy Gilbert
Kilobaud	Ag	p80	a	Haiku Composer by John Krutch
Kilobaud	D	p122	a	The BASICs of Computer Art by Leonard Kilian
Per. Comput.	Ap	p58	a	Apple II Artist Extaordinaire by Raymond Vizzone
Per. Comput.	My	p42	a	City (PET's Ability at Art) by Eric Olson
Rec. Comput.	Ja	p58	a	10 REM Art Review by Ramon Zamora
Rec. Comput.	Mr	p55	a	APPLE ROSE by Jim Day

BOOKS AND PUBLICATIONS

Byte	Ag	p126	b	Permutation Bibliography by Eduardo Kellerman
Byte	Ag	p158	e	Notes on the Appearance of BYTE... by Carl Helmers
Compute	Fl	p65	a	The PET Gazette: The Evolution of a Magazine by Len Lindsay
Comp. Des.	D	p194	a	1979 Computer Design Index
Cr. Comput.	Mr	p50	a	Computing at the Millenium, Creative Computing Reader Profile by Thomas Dietz & C A Johnson
Cr. Comput.	Ag	p70	a	Who's reading Creative Computing these days?
Cr. Comput.	D	p6	e	Looking Back by John Craig
Dr. Dobbs	F	p46	a	INDEX (Dr. Dobbs First Three Volumes)
Dr. Dobbs	Ap	p32	a	CONVERSATION on the origins of Dr. Dobb's Journal
EDN	Mr5	p117	a	EDN Article Index: July-December, 1978
EDN	Ag5	p131	a	EDN Article Index: January-June, 1979
Elec. Des.	D 20	p96	a	Electronic Design 1979 Annual Index of Articles
Ham Radio	D	p104	a	Ham Radio Cumulative Index 1969-1979
Interf. Age	Ja	p138	a	An Index to INTERFACE AGE 1978 by Jim Schreier
Kilobaud	Mr	p140	b	Periodical Guide for Computerists by Eldon Berg
Kilobaud	D	p185	a	Kilobaud 1979 Article Index
Micro	My	p47	a	MICRO Classified Index for Issues 7 to 12
Per. Comput.	Jy	p32	a	Turning a Mirror on PC Readers by Bud Anderson
Per. Comput.	D	p69	a	Create Your Own Periodical Guide by Margaret Whack
Pop. Elec.	D	p99	a	Popular Electronics Index Volumes 15 and 16 January to December 1979
Rec. Comput.	Ja	p24	a	Keeping Track of 'MOTHER' (About an Index of MOTHER EARTH NEWS) by Ellen Levine

BUSINESS: GENERAL

Compute	Fl	p4	a	Selecting and Developing Small Business Systems, Problems & Pitfalls by Michael Sawyer
Cr. Comput.	Mr	p42	b	An Introduction to Personal & Business Computing by Rodnay Zaks
Cr. Comput.	Mr	p42	b	Programming in BASIC for Business by Bruce Bosworth
Cr. Comput.	Mr	p44	a	Experiment in Business: Part I Putting the Exidy Sorcerer to Work by Ken Barbier
Cr. Comput.	Mr	p60	a	Shopping for a Payroll System, What to Look for by Lawrence Ferdelman
Cr. Comput.	Je	p70	a	An Experiment in Small Business Computing: Part II: Billing Program by Ken Barbier
Cr. Comput.	Ag	p14	1	Business Trials by Eugene Wright
Cr. Comput.	Ag	p52	a	New Tools in Investment Analysis: Cybernetics & Artificial Intelligence by Jerry Felson
Cr. Comput.	O	p54	a	Computer Aided Manufacturing part I: Automating the Prod. Process by Chuck Carpenter
Cr. Comput.	N	p66	a	Computer Aided Manufacturing Part II, Data Base & Report Activities by Chuck Carpenter
Cr. Comput.	D	p100	a	The Microcomputer as an Investment Tool by Robert Sharp
Dr. Dobbs	Je	p24	a	Selecting Business Software for Microcomputers by Greg B Scott
Interf. Age	Ja	p30	a	Jurisprudent Computerist; Choosing an Attorney by Elliot MacLennan & Stephen Murtha
Interf. Age	Ja	p40	a	White Collar Microcomputer by James S White
Interf. Age	Ja	p66	e	Business Editorial by Bob Johnson & Mark Grennan
Interf. Age	Ja	p68	a	Systems Analysis for Small Business Applications by R C Mooney
Interf. Age	F	p26	a	From the Fountainhead (Business Systems) by Adam Osborne
Interf. Age	F	p29	a	Jurisprudent Computerist (Choosing a Banker, Insurance Broker) by Elliott MacLennan & Stephen Murtha
Interf. Age	F	p45	a	White Collar Microcomputer (Planning) by James S White
Interf. Age	F	p70	a	Business and Computers: The Perfect Market by Terry Costlow
Interf. Age	F	p86	a	The Real World of Microcomputing: The Automated Retailer by Matthew Tekulsky
Interf. Age	Mr	p50	a	Curing the Music Business Blues by Terry Costlow
Interf. Age	Mr	p68	a	Micro Database Management Systems by Del J Cornali
Interf. Age	Mr	p124	b	Programmable Calculators: Business Applications by J Aronofsky, R Frame & E Greynolds
Interf. Age	Ap	p47	a	Business Software Review; The Concept of "Packaged" Software by Bob Johnson
Interf. Age	My	p55	a	El Paso Electric Customer Inquiries Answered in Seconds
Interf. Age	My	p70	a	Interfacing with Commercial Software: Check Writing by Eric D Savage
Interf. Age	My	p90	a	Microcomputer Analysis of Return on Investment by Timothy Burke
Interf. Age	My	p100	a	Two Views of Credit by Jim Schreier
Interf. Age	Je	p77	a	Software Design for Small Business Systems by Robert C Mooney
Interf. Age	Jy	p68	a	A General Purpose Decision-Making Model for Small Business by Jack Spencer-Jones
Interf. Age	N	p50	a	Business Software Review: Creating a Data Base by Carl Heintz
Interf. Age	N	p100	b	An Introduction to Personal and Business Computing by Rodnay Zaks
Kilobaud	Ja	p12	b	An Introduction to Personal and Business Computing by Rodnay Zaks
Kilobaud	Ap	p10	a	Legal/Business Forum, Leasing by Kenneth S Widelitz

BUSINESS: GENERAL continued

Kilobaud	S	p68	a	The Failure of a Micro in Business by Terry Kepner
Kilobaud	O	p14	b	Computer Power for the Small Business by Charles Sippl & Fred Dahl
Kilobaud	O	p60	a	Business Software Made Easy by Ernie Brooner
Kilobaud	O	p128	a	Ulysses in Computerland, Obstacles in setting up a business computer by J Craig McLanahan
Kilobaud	D	p88	a	How to Choose a Small-Business Computer by Robert Rae
PCW	Mr	p57	a	Business Computing Part 2 by Rodnay Zaks
PCW	Mr	p61	b	An Introduction to Personal and Business Computing by Rodnay Zaks
PCW	Ap	p35	a	Are Small Businesses Ready to Buy? by D R Worsley
PCW	My	p19	a	Small Computers for Small Organisations by Mervyn Axson
PCW	Je	p43	a	Small Computers for Small Organisations, Part 2 by Mervyn Axson
PCW	My	p51	a	Micros and Small Businesses by D R Worsley
PCW	Jy	p29	a	Small Systems are Good for Small Businesses by John Baraga
PCW	Ag	p61	a	Buying a Computer for A Small Business by M D Nott
PCW	Ag	p63	a	Give Us This Day Our Business Processor by Mark Fillingham
PCW	O	p48	a	Betting on PET, A Story of Small-Business Success by Mike Knight
Per. Comput.	Ja	p83	b	Personal Computers for the Businessman
Per. Comput.	Ap	p75	b	All About Small Business Computers by Datapro
Per. Comput.	Je	p67	a	How to Fail with a Business System by Rodnay Zaks
80-U.S.	My	p46	a	Business Computing by John Strader
80-U.S.	Jy	p36	a	Business Computing: System Analysis by John Strader
80-U.S.	S	p42	a	Business Computing: Database Management by John Strader
80-U.S.	N	p48	a	Business Computing by John Strader

BUSINESS: ACCOUNTING

Cr. Comput.	My	p132	a	Amortization Schedules: For Home & Business by Paul Lamb
Dr. Dobbs	O	p32	a	Programming Pastimes and Pleasures (Interest calculations) by Charles Wetherell
Interf. Age	Ja	p124	b	Payroll With Cost Accounting - In BASIC by Lon Pool & Mary Borchers
Interf. Age	F	p80	e	Business Editorial; Microcomputers and Accounting by Phillip N Payne
Interf. Age	My	p43	a	Business Software Review: Accts. Payable & Accts. Receivable Package by Carl Heintz
Interf. Age	My	p59	a	Payday by Dave Gardner, Keith Stradling, Randy Jackson & Jim Schreier
Interf. Age	My	p86	a	$ales Record Keeping by David R Witt
Interf. Age	Jy	p30	a	Business Software Review, Ecosoft Accounting Programs by Carl Heintz
Interf. Age	Ag	p46	a	AJA's Small Business Software Turns TRS-80 Into a Real Workhorse
Interf. Age	N	p78	a	Unit Inventory Control in Business by Chuck Atkinson
Kilobaud	Ap	p82	a	Depreciation Analysis by Joe Ligori
Kilobaud	My	p12	b	Accounts Payable and Accounts Receivable by Lon Poole & Mary Borchers
Kilobaud	Je	p60	a	Keepbook, (Bookkeeping program) by Robert Marx
Kilobaud	D	p9	b	Computer Accounting Methods by Cook, Wade & Upton
PCW	Ag	p55	a	Garage Accounting Program, TRS-80 by W H Davies
Per. Comput.	Ap	p38	a	The Incredible Time Machines, Return on Investment by Kirtland Olson
Per. Comput.	Ag	p53	a	Liquid Asset Accounting System by Robert Irving
Per. Comput.	D	p54	a	Calculator Accounting TI-59 by Marlin Snow
Per. Comput.	D	p63	a	Keeping Tabs on Service Technicians by Clint Hentz
80-U.S.	Mr	p25	a	Barber & Beauty Shop Cash Accounting & Payroll by 80-US Staff
80-U.S.	My	p36	a	Barber & Beauty Shop Cash Accounting & Payroll Part II by 80 US Staff

BUSINESS: APPLICATIONS SOFTWARE

Byte	Ja	p84	a	A Computerized Mailing List by Thomas E Doyle
Cr. Comput.	Je	p76	a	Software Profile: NAD--Name and Address Record Selection System by Eric Van Horn
Interf. Age	F	p48	a	Business Software Review by Carl Heintz
Interf. Age	F	p64	a	A Simple Financial Report Writer by Fred LaPlante
Interf. Age	F	p88	a	Managing Layaway Accounts by Ray Vukcevich
Interf. Age	Mr	p36	a	Business Software Review; Evaluation of Applications Software by Carl Heintz
Interf. Age	Mr	p78	a	Manufacturing Operations Planning With A Programmable Calculator TI57 by C R Carpenter
Interf. Age	My	p103	a	NAMELIST: A Formatted Name Listing Routine by Ron Tipton
Interf. Age	Je	p41	a	Business Software Review: ASI & Microtex by Bob Johnson
Interf. Age	Je	p80	a	Lumber (remodeling bid program) by Jim Schreier
Interf. Age	Jy	p76	a	Saving Time While Keeping Minutes by Jon R Lindsay
Interf. Age	Ag	p26	a	The Micro-Mathematician; Program MORTPAY by Alfred Adler
Interf. Age	Ag	p38	a	Business Software Review; Graham Dorian Software Systems by Bob Johnson
Interf. Age	D	p58	a	Business Software Review; Master Tax Program from CPAids by Bob Johnson
Interf. Age	D	p60	a	FORECAST: Volume Projection for the Small Business by Leo P Biese
Kilobaud	Ja	p44	a	Address List Editor by Brian E Bateman & Sherman Wantz
Kilobaud	F	p64	a	Inventory Control with the TRS-80 by John Yost
Kilobaud	F	p110	a	Text/Document Preparation Made Easy by Phil Hughes

BUSINESS: APPLICATIONS SOFTWARE continued

Kilobaud	Mr	p100	a	The One Percent Forecasting Method by Stan Tisher
Kilobaud	Jy	p44	a	A Data-File Creation for Small Business by Forest E Myers
Kilobaud	Jy	p63	a	Projecting Future Profits by Ernie Brooner
Kilobaud	Ag	p78	a	REPORT, Financial report program by Forest Myers
Kilobaud	N	p92	a	Pay Up, Payroll Program with Disk Files by Bernay Dusek
PCW	D	p68	a	Systems: Stock Control by Mike Knight & Mike Rose
Per. Comput.	Ja	p45	a	Income Property Evaluation by Kimball Beasley
Per. Comput.	My	p4	c	Correction for Income Property (Per. Comput. Jan '79) by Irving Birnbaum
Per. Comput.	D	p10	c	Correction for Income Property (Per. Comput. Jan '79)
Per. Comput.	Ap	p22	a	Tax Base, Part 1 by Paul Holliday
Per. Comput.	Ap	p34	a	Programming Your Computer For A Tax Deduction by Mark Battersby
Per. Comput.	My	p26	a	Appreciating Depreciation by Karen Wolfe
Per. Comput.	My	p64	a	An Invoicing Program by David A L A Whitehead
Per. Comput.	Jy	p56	a	A Program to Register More Than Cash by Sam Newhouse
Per. Comput.	S	p32	a	Small Business Invoicing by Dan Obed
Per. Comput.	O	p26	a	Tracking Costs in a Service Business by Clint Hentz
Per. Comput.	N	p28	a	Economic Order Quanity by Adrian Woods
Per. Comput.	D	p33	a	Breaking Even, Production Level Analysis by Karen Wolfe
"68" Micro	S	p32	a	Computerware v7.0 & 8.0 Mail List by Gene Embry
73	Ag	p78	a	Computerize That Mailing List by Ken Winters

CALCULATORS: GENERAL

Byte	Ja	p49	b	Financial Analysis and Business Decisions on the Pocket Calculator by Jon M Smith
Byte	Mr	p196	a	The Power of the HP-67 Programmable Calculator, Part 1 by Robert C Arp
Byte	Ap	p176	a	The Power of the HP-67 Programmable Calculator, Part 2 by Robert C Arp
Byte	Ag	p128	1	TI Has Faster Solutions (TI59 vs HP67) by Marvin A Larson
Calc. Comp.	Ja	p64	a	Calculators for Beginners by Bob Albrecht
Calc. Comp.	Ja	p71	a	Problem Solving Using Calculators, Calculator Errors by David Moursand & Karen Billings
Cr. Comput.	F	p69	b	Calculators, Computers and Elementary Education by David Moursund
Electronics	F 1	p132	a	TTL and C-MOS interface unites microprocessor with calculator by Bert K Erickson
Interf. Age	Mr	p124	b	Take A Chance With Your Calculator by Lennart Rade
Interf. Age	Mr	p124	b	Programmable Calculators: Business Applications by J Aronofsky, R Frame & E Greynolds
Kilobaud	Je	p14	b	Countdown by Robert Eisberg & Wendell Hyde
PCW	N	p86	a	Getting It Taped (Calculator Programs) by Dick Pountain
Per. Comput.	Ap	p74	b	How to Use a Pocket Calculator: A Guide for Students and Teachers by Henry Mullish
Radio Elec.	S	p76	a	Hobby Corner Programmable Calculator Finds Many Interesting Applications by Earl "Doc" Savage
Rec. Comput.	Mr	p48	a	Those Uppity Calculators Comic: J. Moist and Company by Gil Morales

CALCULATORS: APPLICATION PROGRAMS

Byte	Ja	p165	1	Using a Calculator to Perform Hexadecimal Addition & Subtraction by Harold Pritchard
Byte	Ap	p84	a	Marsport, Here I Come The 3-D Celestial Mechanics Simulation for HP67/97 by Delmer D Hinrichs
Byte	Ag	p194	c	Marsport, Here I Come (Byte April '79 p 84) by Delmer Hinrichs
Byte	O	p209	c	Correction for Marsport, Here I Come (Byte April '79 p 84)
Byte	Ap	p172	a	Digital Circuit Simulation (TI-59) by S Leon Felkins
Byte	N	p244	a	Extended Multiplication with the TI-58 by Michael E Manwaring
Byte	N	p245	a	Calculator Airborne Navigation (The HP25 finds Ground Speed & Heading) by L J Kuhns
Byte	D	p120	a	Analysis of Polynomial Functions with the TI-59 Calculator by Pierre Chance'
Calc. Comp.	Ja	p60	a	Calculator Experiments for Junior High by Frank S Toth
Calc. Comp.	Ja	p68	a	Chem Lab Simulations Using HP-25/33E Programmable Calculators by P L Bayless
Comp. Des.	Mr	p141	a	Forecasting Computer System Reliability with a Programmable Calculator by Ronald Zussman
Comp. Des.	N	p138	a	Reliability Computations on a Handheld Programmable Calculator by Cass Lewart
EDN	Ja5	p73	a	Eighth-wave line matches impedances (HP 67 Program) by Albert Hayes
EDN	Mr20	p16	c	Correction for Calculator Program (EDN Jan 5 '79 p73)
EDN	Je5	p92	a	HP67/97 computes relative offsets by Cass Lewart
EDN	Je5	p92	a	SR-58 aids IM6100 assembly by Jan Fadrhons
EDN	N 20	p222	a	TI59 program gives transient responses by James Hudson
Elec. Des.	Ja4	p146	a	Programmable Calculator Disassembles uP machine Codes (TI59) by Thomas B Gross
Elec. Des.	Ja4	p154	a	Program noise-bandwidth and rms-voltage computations into a calculator by Leland R Hudson
Elec. Des.	Je7	p70	a	Analyze switcher stability, bandwidth and gain with a prog. calc. TI59 by Fred Lilienstein

CALCULATORS: APPLICATION PROGRAMS continued

Elec. Des.	Jy19	p102	a	Choose proper wire-sizes quickly with a programmed TI59/58 by Douglas Varney
Elec. Des.	S 13	p142	a	Suppress phase-lock-loop sidebands without introducing instability(HP25) by Andrej B Przedpelski
Elec. Des.	O 11	p154	a	Eliminate bandwidth-calculation drudgery with a univ. calc. program HP19 by Andrzej B Przedpelski
Elec. Des.	D 6	p114	a	Computer s-function/time domain response with prog calc. TI59 by William Geckle
Elec. Des.	D 6	p126	a	Printing calculator normalizes data, makes graphical X-Y plot HP97 by John DeRosa
Elec. Des.	D 20	p74	a	Speed ferromagnetic inductor designs with a programmable calc. HP67 by Frederick W Hauer
Electronics	F 1	p135	a	HP-25/HP-33E aids design of short-vertical antennas by Walter J Schulz
Electronics	F 15	p149	a	HP-67 finds op amp's gain and common-mode rejection by Michael R Hyman
Electronics	Mr1	p146	a	HP-67/97 tracks communications satellites by D C Mitchell
Electronics	Mr29	p122	a	TI-59 converts s coefficients into two-port net parameters by G Papaioannou
Electronics	Ap26	p155	a	HP-97 finds response of microwave couplers by J Saillard
Electronics	Ag2	p138	a	HP-25 program makes fast cost estimates by Joe Barocio
Electronics	S 13	p149	a	HP-67/97 program plots antenna's polar pattern by D C Mitchell
Electronics	S 27	p152	a	TI-59 performs fast fourier analysis by J G Willis
Ham Radio	Ap	p26	a	Calculator Aided Propagation Predictions by Henry Elwell
Interf. Age	Mr	p78	a	Manufacturing Operations Planning With A Programmable Calculator TI57 by C R Carpenter
Interf. Age	Ag	p67	a	Ordinary Annuity Plus With an SR-52 Programmable Calculator by S A Yakush
Interf. Age	N	p100	b	Countdown: Skydiver, Rocket and Satellite Motion On Programmable Calc. by Robert Eisberg & Wendell Hyde
onComputing	W	p12	a	Use Your Pocket Calculator to Save Money by Louis Hohenstein
PCW	Mr	p29	a	A Program for Casio Programmables ENCODE-DECODE by R Seabrook
Per. Comput.	D	p54	a	Calculator Accounting TI-59 by Marlin Snow
73	Ap	p122	a	Has Anyone Seen OSCAR 7? find it with your SR-56 by Cebrun Mayse
73	Je	p92	a	Calcu-Trip - a program for the open road (HP-55) by Richard Lutz

CALCULATORS: SELECTION GUIDES

Cr. Comput.	S	p32	a	Equip. Profile: Monroe Classmate 88 for the Classroom by Burchenal Green
EDN	Je5	p97	a	Personal Scientific Calculators by Jim McDermott
PCW	O	p50	a	Supercalc: A Quick Look at the Casio FX-501P by Dick Pountain
PCW	O	p66	a	Checkout: Hewlett-Packard 41C
PCW	D	p70	a	Analysing the TI-59 by Dick Pountain

CLOCKS AND TIMERS

Byte	Ja	p166	c	Correction for: KIMER, A KIM-1 Timer (Byte July '78 p12) by Alan A Leff
Byte	Ag	p50	a	Anyone Know the Real Time? by Steve Ciarcia
Comp. Des.	Ja	p126	a	Interfacing Fund.: Realtime Clock Hardware and Software by Rony, Larsen, Titus & Titus
Comp. Des.	My	p213	a	Programmable Timer Provides Accurate Interval Measurements by Fred Carlin & James Howard
Comp. Des.	D	p104	a	Timing Circuit Generates Selectable Clock Frequencies by F Chitayat
Cr. Comput.	Ap	p28	a	Personal Elec. Trans.: The PET Clock, Files... by Gregory Yob
Cr. Comput.	O	p110	a	Graphics Digital Clock (TRS-80) by Delmer Hinrichs
Cr. Comput.	D	p141	a	Apple Cart: Clock, Graphics, etc... by Chuck Carpenter
EDN	Mr5	p130	a	Convert 60Hz to 50Hz by Randy Carlstrom
EDN	My5	p87	a	Extend 6502-timer ranges by Cass Lewart
EDN	Je20	p157	a	Calculate electronic watch accuracy by J Louis Nielsen
EDN	Ag20	p125	a	8080 Clock provides two phases by Vaughn Martin
EDN	S 5	p218	a	Control uC Oscillator accuracy by James Farrell
Elec. Des.	Je7	p120	a	EPROMs are the building blocks for univ. timing generator by Philip Hardaker
Electronics	Mr29	p104	a	Standby crystal time base backs up line-powered clock by William D Kraengel
Electronics	Ag16	p132	a	12-Hour clock tells time out loud (6800) by William S Wagner
Interf. Age	F	p74	a	Time and the Computer by R W Bemer
Kilobaud	Ja	p95	a	VDM Clock Program: for Those Idle Moments by James Brennan
Kilobaud	D	p160	a	H8 Alarm Clock Program by Adrian Thornton
Micro	Mr	p5	a	A Simple 24 Hour Clock for the AIM 65 by Marvin DeJong
Micro	Ap	p31	a	SYM-1 6522 Based Timer by John Gieryic
Micro	S	p26	a	SYM-1 Event Timer by Stephen Faris
Micro	O	p27	a	6522 Timing and Counting Techniques by Marvin DeJong
Micro	O	p55	a	SYM-1 6532 Programmable Timer by Robert Peck
Micro	O	p59	a	A Real Time Clock for OSI Disk System by Robert Kintz
Micro	D	p67	a	Time of Day Clock and Calendar for the SYM-1 by Casmir Suchyta
PCW	S	p76	a	PET As Digital Clock by Gordon Bell
Radio Elec.	N	p86	a	Computer Corner: 8080 Real Time Clocks by Larsen, Titus, Rony & Titus
73	O	p22	a	Microcomputer Interfacing: 8253 Timer Chip by Titus, Titus, Larsen & Rony

CLOCKS AND TIMERS continued

73	D	p28	a	Microcomputer Interfacing: More on the 8253 Timer by Larsen, Rony, Titus & Titus
73	D	p104	a	Teaching Your Micro to Count - two methods for adding counter capability by Sam Creason

CLUBS AND ORGANIZATIONS

Byte	O	p210	a	Clubs and Newsletters Directory
Kilobaud	Ja	p40	a	The Boston Computer Society and Its President by Dennis Brisson
onComputing	Su	p74	a	Computer Clubs Who Needs Them? by Lloyd & Debbi Kishinsky
"68" Micro	F	p4	1	English Computer Clubs by Paul Jessop

CODE CONVERSION

Byte	Mr	p56	a	Cryptography in the Field Part 1: An Overview by John P Costas
Byte	Ap	p144	a	Cryptography in the Field Part 2: Using the Pocket Calculator by John P Costas
Byte	Ag	p194	c	Cryptography in the Field (Byte April '79 p145) by John P Costas
Byte	Mr	p66	a	The Standard Data Encryption Algorithm Part 1: An Overview by Robert V Meushaw
Byte	Ap	p110	a	The Standard Data Encryption Algorithm Part 2: Implementing the Algorithm by Robert V Meushaw
Cr. Comput.	Jy	p56	a	Realization of a Public Key Cryptosystem by John Burke
Electronics	Je21	p107	a	LSI-based data encryption discourages the data thief by Harvey Hindin
Electronics	Jy19	p140	a	Single chip computer scrambles for security by Robert Budsinski
Electronics	Ag2	p126	a	One-chip data-encryption unit accesses memory directly by John Beaston
Electronics	Ag16	p81	a	New Security Planned for Data by Harvey J Hindin

COMMUNICATIONS

Byte	My	p32	a	Communicate on a Light Beam by Steve Ciarcia
Byte	Ag	p194	c	Communicate on a Light Beam (Byte May '79 p49)
Comp. Des.	O	p10	a	Videotex and Teletext Systems by J W Hughes
Cr. Comput.	Mr	p62	a	The New Era, Personal Computers & Ma Bell by Frank Derfler
Elec. Des.	F 1	p74	a	Speed up digital data transmission over fiber-optic links with feedback by John C Freeborn
Elec. Des.	Ap12	p68	a	ICs for Telecommunications (Special Report)
Elec. Des.	Ag16	p76	a	To make distributed processing work pick the right network architecture by Alan Weisberger
Electronics	Ja18	p137	a	Data-link control chip supports all three bit-oriented protocols by Bill Meronek
Interf. Age	Ja	p58	a	System to System Communications Using CP/M by W C Hoffer
PCW	Jy	p31	a	On the Line: Communications I/O by David Hebditch

CONSTRUCTION

Byte	F	p90	a	A Stepping Motor Primer Part 1: Theory of Operation by Paul Giacomo
Byte	Ap	p192	c	Correction for: A Stepping Motor Primer (Byte Feb. '79 p 90)
Byte	Mr	p94	a	Designing with Double Sided Printed Circuit Boards by David Lamkins
Byte	My	p32	a	Communicate on a Light Beam by Steve Ciarcia
Byte	Ag	p194	c	Communicate on a Light Beam (Byte May '79 p49)
Byte	My	p218	a	The Hobby Unwrap by Ralph Stirling
Byte	Je	p6	e	On Beginning a New Project by Carl Helmers
Byte	Je	p70	a	A Home for Your Computer by Joseph Dawes
Byte	Je	p193	a	Double Sided Notes by Jonathon A Titus
Byte	Jy	p194	a	Photo Essay: Physical Hardware of a New Computer Backplane by Carl Helmers
Byte	S	p6	e	The Rationale of Yet Another Homebrew System by Carl Helmers
Byte	S	p84	a	Soldering Techniques by William Trimmer
Byte	O	p6	e	Designing the Logic of the System--Processor Board Design by Carl Helmers
Byte	O	p206	a	Budget Building on a Bare Board by Dan S Parker
Dig. Design	Ag	p46	a	New Generation of Prototyping Tools Aids System Designers by Russell Petit
Elec. Des.	D 20	p112	a	Focus on PC-board rotary switches Power is up, size is down
Ham Radio	Ja	p62	a	Anodizing Aluminum in the Amateur Workshop by David Hembling
Ham Radio	Mr	p76	a	Cabinet Construction Techniques by Bob Thompson
Interf. Age	Ja	p51	a	The Inventor's Sketchpad; Direct Digital Readout from Switches & Dials by Roger Garrett
Interf. Age	Mr	p115	a	Help Your Computer Keep Its Cool (Polymorphic) by Alfred A Adler
Interf. Age	Mr	p124	b	Errors in Experimentation by Carl W Hall
Interf. Age	Jy	p42	a	Need a System Cabinet? Build It! by Jack Kirschenbaum
Interf. Age	Jy	p82	a	Integrated Circuit Testing for Hobbyists by Tim Barry & Ed Ingber
Interf. Age	Jy	p88	a	Pep Talk for Non-Technical Micro-Bugs by Karen S Wolfe
Kilobaud	Ag	p56	a	E-x-t-e-n-d Your Micro (Mullen Extender Board) by Robert Leffert
Kilobaud	Ag	p108	a	How to Silence a Noisy Computer by Chuck Gahan
Kilobaud	N	p172	a	Wire-Wrap Pin Locating for High-Density Boards by John Franke & Norman Cohen
Pop. Elec.	F	p77	a	A Simple Touch Control Switch by George Peterka
QST	Ag	p40	a	Photographic PC Boards Without Expensive Equipment by William Taylor

CONSTRUCTION continued

Radio Elec.	F	p49	a	Cases and Cabinets For Your Projects
Radio Elec.	F	p53	a	PC/Wire-Wrap New Construction Technique by James Temple
Radio Elec.	Mr4	p94	a	Hobby Corner: Four Different Ways of Making PC Boards by Earl "Doc" Savage
Radio Elec.	Jy	p58	a	How To Make Your Own PC Boards by James Temple
Radio Elec.	Ag	p54	a	Wiring Systems For Projects by Earl "Doc" Savage
Radio Elec.	S	p51	a	All About PC Boards by L Steven Cheairs
Radio Elec.	N	p67	a	All About Desoldering by Earl R Savage
Radio Elec.	D	p64	a	Customize Your PC Boards by Earl "Doc" Savage
73	Ap	p108	a	Wire-Wrap on a Budget - home-brew your tools by Joseph Pentecost
73	D	p126	a	Tools and Techniques for Wire-Wrapping by A S Wicks

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Byte	F	p90	a	A Stepping Motor Primer Part 1: Theory of Operation by Paul Giacomo
Byte	Ap	p192	c	Correction for: A Stepping Motor Primer (Byte Feb. '79 p 90)
Byte	Mr	p142	a	A Stepping Motor Primer Part 2: Interfacing & Other Considerations by Paul Giacomo
Byte	My	p6	e	Don't Forget the Hardware... by Carl Helmers
Cr. Comput.	N	p54	a	Equip Profile: A Home Control System, Mountain Hardware Apple Introl X by Paul Daro
Cr. Comput.	N	p60	a	Today We Control the House, Tomorrow... by Mark Garetz
Cr. Comput.	D	p64	a	Today we Control the House, Tomorrow..Part II Interfacing & Software by Mark Garetz
Elec. Des.	Ja18	p90	a	To cut controller costs, replace random logic with microcoded bit slices by Stephen Lau & Mike Janak
Electronics	Mr1	p140	a	Getting the most out of the 9900 for real time control by Henry Davis
Electronics	S 27	p140	a	Microcomputer-based control smoothes universal motor performance by Tom Slade
Pop. Elec.	S	p80	a	Make Your Computer Work As a Control Center by Cass Lewart

DEBUGGING: HARDWARE

Comp. Des.	Mr	p160	a	Troubleshooting Microprocessors With a Logic Analyzer System by Robert Lorentzen
Cr. Comput.	Ag	p124	a	A Simplified Guide to Hardware Maintenance by David Ahl
Dig. Design	My	p86	a	Troubleshooting Microcomputer Systems with Smart Multimeters by Ed Donn & Bill Rochat
Dig. Design	N	p80	a	Special PROM Simplifies Board Testing by D S Cutler
Elec. Des.	F 15	p144	a	LEDs mounted on a component carrier display uC data inexpensively by Tom T Thompson
Elec. Des.	Ap12	p146	a	Checksum routine, plus LED & one-shot, monitor uC operation by Bernie Bussiere
Elec. Des.	Ag2	p116	a	Pickup coil makes easy work of finding shorts on systems buses by Keith Timothy
Elec. Des.	Ag16	p92	a	Identify failing bits quickly; design a portable serial I/O monitor by Robert Stetson
Elec. Des.	S 1	p100	a	Let your next uC check itself & cut down your testing overhead by Joel Boney & Ed Rupp
Electronics	Ja18	p113	a	Design forethought promotes easier testing of microcomputer boards by Michael Lippman & Edward Donn
Electronics	My24	p171	a	Hardware breakpoints aid 8080 program debugging by Guy Sundman
Interf. Age	F	p92	a	Micronics Inc.-Better Bug Trap S-100 Card by Roger H Edelson
Interf. Age	Jy	p82	a	Integrated Circuit Testing for Hobbyists by Tim Barry & Ed Ingber
Kilobaud	Je	p84	a	Microcomputers and TVI by Frank Derfler
Kilobaud	Jy	p84	a	Troubleshooting Tips and Techniques by Bob Bosen
Kilobaud	Ag	p56	a	E-x-t-e-n-d Your Micro (Mullen Extender Board) by Robert Leffert
Kilobaud	S	p96	a	Catching Bugs with Lights by Marvin DeLong
Kilobaud	S	p116	a	Build Your Own TTL Diagnostic Aid by Robert Stetson
Kilobaud	O	p172	a	Hardware Testing in Suspended Animation by K D Tentarelli
PCW	My	p23	a	On Your Mark, Get Set.--MK14 Diagnostic Program by Clifford Clark
80-U.S.	My	p8	a	Troubleshooting Hardware by M Schmidt

DEBUGGING: SOFTWARE

Cr. Comput.	Jy	p32	a	Diagnostic Program for Your PET...from Commodore by Sol Friedman
EDN	S 5	p113	a	6502 routines aid debugging by Don Sharpiro
Elec. Des.	My24	p138	a	Ease BASIC debugging pains by teaming an interpreter with a line editor by Eric Michelman
Kilobaud	O	p170	a	Program Debugging: the Yellow-Brick-Road Approach by Bob Bosen
Kilobaud	D	p44	a	Finding the Crash Site: A Simple Tracer for the 8080 by Albert Woodhill
Micro	Mr	p25	a	Using Tiny BASIC to Debug Machine Language Programs by Jim Zuber

DEFINITIONS

Byte	O	p76	a	Picking Up the Pieces by Alfred S Baker
Cr. Comput.	F	p68	b	Home Computers: A Beginners Guide and Glossary by Merl Miller & Charles Sippl

DEFINITIONS continued

Dr. Dobbs	Ap	p48	b	Illustrated Dictionary of Microcomputer Technology by Michael Hordeski
Interf. Age	Mr	p10	1	More Definitions by Pete Charlton
Interf. Age	Mr	p124	b	Home Computers: A Beginner's Glossary and Guide by Merl Miller & Charles Sippl
Kilobaud	Ap	p76	a	The Wait State Explained by Ren Colantoni
Kilobaud	Jy	p116	a	Reading Computer Jargon by David Price
onComputing	Su	p94	a	Glossary by Phillip Burton
onComputing	Fl	p90	a	Glossary
onComputing	W	p83	a	Glossary
PCW	Ja	p61	a	Buzzwords Da-Dy by Peter Reynolds
PCW	Ap	p74	a	Buzzwords Fa-Fu by Peter Reynolds
PCW	Je	p75	a	Buzzwords Ga-Gu by Peter Reynolds
PCW	Ag	p73	a	Buzzwords Ha-Hz by Peter Reynolds
PCW	S	p62	a	Buzzwords I-It by Peter Reynolds
PCW	N	p71	a	Buzzwords J, K, L by Peter Reynolds

DEVELOPMENT SYSTEMS

Comp. Des.	F	p83	a	Comparing Microcomputer Development System Capabilities by Bruce Gladstone
Dig. Design	F	p28	a	Choosing a Higher Level Language for uP Developement Systems by Roger Hokanson
Dig. Design	Mr	p58	a	uP Development Systems Required tools for Digital Designers by Charles Kondrath
Dig. Design	N	p22	a	Design and Developement of uC Software by Lance Leventhal
Dig. Design	N	p38	a	New Generation uC Developement System (Gen-Rad) by Les Matheson & David Ulmer
EDN	F 20	p84	a	Use your midrange uP equipment to explore today's 1-chip uCs by Robert Cushman
EDN	Ap5	p63	a	uC Developement systems by Edward Teja
EDN	S 5	p179	a	uP developement systems offer the tools users need by John Marshall & Sam Lee
Elec. Des.	Je7	p92	a	Basic's full power and versatility emerge with a uC development system by Eric Michelman
Elec. Des.	Ag16	p66	a	Cut hardware, software development costs- take adv. of In circuit emul. by James Kelly
Elec. Des.	D 6	p106	a	Developement system facilitates programming of signal proc. chip 2920 by Charles Yager
Electronics	F 1	p121	a	Using assembly coding to optimize high-level language programs by Pat Caudill
Electronics	S 13	p141	a	When logic analyzers meet development systems by Bruce Farly
Interf. Age	F	p136	a	Macroprocessing Eases the Software Development Task by Henry Davis
80-U.S.	N	p42	a	An Assembly Language Development System by T Dettmann

DIGITAL, HARDWARE AND CIRCUITS

Byte	S	p62	a	Some Musings on Hardware Design by Clayton Ellis
Byte	S	p196	a	Add Some Control to Your Computer, An Output Port Tutorial by Ken Barbier
Comp. Des.	Jy	p105	a	Practical Hardware Solutions for 2's Complement Arithmetic Problems by Thinh Nguyen
Dig. Design	My	p90	a	A Simple Digital Peak Detector Circuit
EDN	Ja5	p71	a	Compartator provides uP power-up by Ban Bong
EDN	Ja20	p60	a	8080 circuit corrects BCD meter offset by P E Ridgeway
EDN	Ja20	p106	a	Simplify mini or uC bus extensions by L Berkbigler
EDN	F 20	p117	a	Some simple hardware techniques allow fail-safe LSI interfacing by Carol Ogdin
EDN	Mr5	p130	a	Convert 60Hz to 50Hz by Randy Carlstrom
EDN	Ap5	p51	a	Simple circuit multiplies in 800 nsec by Prakash Dandekar
EDN	Ag5	p65	a	Octal buffers simplify DMA access by Sam Butt
EDN	Ag5	p129	a	Address peripherals with program counter by Dana Knight
EDN	N 20	p147	a	Circuit arbitrates four 8080 interrupts by S Shankar
Elec. Des.	Ja4	p168	a	Single RC network gives variable delay, preserves input pulse width by Einar Haugan
Elec. Des.	F 1	p94	a	One-coupler simplifies conversion of negative logic levels to positive by Robert J Stetson
Elec. Des.	Jy19	p122	a	PROM replaces individual gates in pseudorandom sequence generator by James L Reuss
Elec. Des.	N 22	p214	a	Self-start monostable multi. triggers on slow signals & fast pulses by Francis Benevides
Elec. Des.	N 22	p216	a	Digital freq doubler follows input symmetry over 11 octave range by John Fields
Electronics	Ja18	p121	a	Gates replace PROM in Intellec-8 bootstrap loader by Simon Gagne' & Bernard Boule'
Electronics	F 1	p117	a	Time-shared counters simplify multiplexed display by Darryl Morris
Electronics	F 15	p148	a	Digital multiplexer derives six-variable logic function by A Mageswaran
Electronics	Mr1	p118	a	C-MOS oscillator has 50% duty cycle by Bill Olschewski
Electronics	Mr15	p123	a	Timer generates sawtooth with switchable symmetry by Roberto Tovar-Medina
Electronics	Ap12	p134	a	PROM controller makes fast work of serial jobs by John J Petrale
Electronics	My24	p147	a	Digital peak detector finds 4-bit highs and lows by N Bhaskara Rao
Electronics	Jy19	p128	a	Logic-function generator needs no power supply by P R K Chetty

DIGITAL, HARDWARE AND CIRCUITS continued

Electronics	Ag30	p140	a	C-MOS counter-decoder pair sets divider's modulus by Bradley Albing
Electronics	N 8	p131	a	Line frequency converter transforms 50 Hz into 60 Hz by Juan E Piquinela
Ham Radio	Mr	p32	a	Operational Characteristics of the 555 Timer by Bob Marshall
Interf. Age	F	p98	a	NTS Mini-Series Basic Electronics (Devices) by Walter L Stephens
Kilobaud	Ap	p46	a	Truly Random Numbers (Hardware Number Generator) by H R Bungay & Robert Martin
Kilobaud	Jy	p60	a	Safe Ports, Protect I/O ports with this bidirectional buffer by Clement Pepper
Kilobaud	S	p38	a	The MM57109 Number Cruncher by Larry Bregoli
Kilobaud	O	p136	a	Hardware Random Number Generator by Ken Barbier
Kilobaud	O	p150	a	Exploring the Inequality of Bus Buffers by John Cameron
Micro	Mr	p17	a	6522 Chip Setup Time by John Kosinski & Richard Suitor
Pop. Elec.	S	p69	a	A Monostable Catalog for Experimenters by Clement Pepper
73	Ag	p26	a	Microcomputer Interfacing: Multiplexing by Larsen, Rony, Titus & Titus
73	O	p22	a	Microcomputer Interfacing: 8253 Timer Chip by Titus, Titus, Larsen & Rony
73	D	p28	a	Microcomputer Interfacing: More on the 8253 Timer by Larsen, Rony, Titus & Titus

DISPLAYS, 7-SEGMENT, ETC.

Byte	Ap	p218	a	A Digital Alphanumeric Display by Daniel Chester
Byte	O	p58	a	Self-Refreshing LED Graphics Display by Steve Ciarcia
Byte	D	p102	c	Correction for Self Refreshing LED Graphics (Byte Oct '79 p59)
Comp. Des.	Ap	p128	a	Interfacing Fundamentals: Multiplexed LED Displays--Part I by Titus, Titus, Larsen & Rony
Comp. Des.	My	p228	a	Interfacing Fundamentals: Multiplexed LED Displays--Part II by Rony, Larsen, Titus & Titus
Cr. Comput.	Je	p60	a	Bob Freedman and His Majic Wand by Lee Felsenstein
EDN	Ag5	p105	a	PROMs decode ASCII characters for segmented LED displays by Bill Otsuka
Elec. Des.	F 15	p144	a	LEDs mounted on a component carrier display uC data inexpensively by Tom T Thompson
Elec. Des.	S 1	p124	a	LED array & low-cost components monitor digital or analog waveforms by John DeRosa
Elec. Des.	S 13	p118	a	Cut LCD-digital-interface design time & hardware costs with std. chips by Paul H Smith
Elec. Des.	S 13	p163	a	Focus on alphanumeric displays. Bright future for colorful rivals. by Gene Heftman
Electronics	Ag16	p130	a	Dual light-emitting diode synthesizes polychromatic light by Leonard M Smithline
Pop. Elec.	Mr	p94	a	A High Resolution LED Display by Forrest Mims
Pop. Elec.	Jy	p68	a	Experimenter's Corner: LED Bargraph Display Chips by Forrest Mims
Radio Elec.	O	p90	a	LED Bar Graph Display, 8 Best Applications
73	S	p26	a	Microcomputer Interfacing: Multiplexed LED Display by Rony, Ttius, Titus & Larsen

EDUCATION

Byte	Ag	p18	a	LISP Based Systems for Education by J Laubsch, G Fischer & H D Bocker
Calc. Comp.	Ja	p12	a	Documenting Student Progress by James A Bradley
Calc. Comp.	Ja	p17	a	Computers and Early Learning, A New Direction for High/Scope Foundation by Bernard Banet
Calc. Comp.	Ja	p18	a	My TRS-80 Likes Me, When I Teach Kids how to Use it by Bob Albrecht
Calc. Comp.	Ja	p20	a	Computer Supplemented Calculus by Kendell Hyde & David Tolman
Calc. Comp.	Ja	p30	a	Be A Computer (Word Guessing Game) by Curt Torgerson
Calc. Comp.	Ja	p32	a	A Computer in My Classroom? I Vote No! by Laurence H Wheat
Calc. Comp.	Ja	p36	a	Big BASIC: Crunch by Flora Russ
Calc. Comp.	Ja	p41	a	VATS RIGHT (Velocity & Acceleration program) by Frank Bobek
Calc. Comp.	Ja	p54	a	PET BASIC for Parents and Teachers by Bob & Karl Albrecht
Calc. Comp.	Ja	p60	a	Calculator Experiments for Junior High by Frank S Toth
Calc. Comp.	Ja	p64	a	Calculators for Beginners by Bob Albrecht
Calc. Comp.	Ja	p71	a	Problem Solving Using Calculators, Calculator Errors by David Moursand & Karen Billings
Calc. Comp.	Ja	p78	a	Programmable Calculators for Elementary Schools by John J Warvik
Calc. Comp.	Ja	p82	a	Using the calculator as an Aid to Concept Development by Glendon W Blume
Compute	Fl	p34	a	Microcomputers In Education by Pierre Barrette
Compute	Fl	p40	a	Flying With PET PILOT: Kids and Microcomputers At Peninsula School by Katie Thornburg & David Thornburg
Compute	Fl	p42	a	Teachers, Computers and the Classroom by C J Carr & Everett Carr
Cr. Comput.	Ja	p38	a	Guidance Counselor System...college placement program by Lou Kirschner
Cr. Comput.	Ja	p48	a	Survey of Educator's Attitudes Toward Computers by David Lichtman
Cr. Comput.	Ja	p72	a	K-State is a GIANT in Minicomputers by Cheryl May
Cr. Comput.	F	p69	b	Calculators, Computers and Elementary Education by David Moursund
Cr. Comput.	F	p116	a	Computers and Education: Some Questions of Values by Daniel Barstow
Cr. Comput.	Mr	p40	b	Computers & Communication: Implications for Education by Robert Seidel & Martin Rubin

EDUCATION continued

Cr. Comput.	Mr	p68	a	Teachers! A Social Science Survey Program! by James Owens
Cr. Comput.	Ap	p116	a	The Marin Computer Center: A 'New Age' Learning Environment by David Fox & Annie Fox
Cr. Comput.	My	p62	a	EXAM Time: Reading & Comprhension Tests for Language Arts by Andrew Nicastro
Cr. Comput.	My	p67	a	And Then There Was One (College Text Book on Computer) by A Kent Morton
Cr. Comput.	Jy	p40	a	Educational Uses of the OSI-IP by Henry Kuska
Cr. Comput.	S	p32	a	Equip. Profile: Monroe Classmate 88 for the Classroom by Burchenal Green
Cr. Comput.	S	p46	a	Instructo Paper Computer by Randy Heuer
Cr. Comput.	S	p52	a	A Dozen Apples for the Classroom by Joyce Hakansson & Leslie Roach
Cr. Comput.	S	p56	a	Have Computer -- Will Travel by Ellen Richman
Cr. Comput.	S	p58	a	Kids and Computers: The Future Is Today by Sally Greenwood Larsen
Cr. Comput.	S	p62	a	Solo Computing in the Home: Short Courses for Parents and Children by Thomas Dwyer & Margot Critchfield
Cr. Comput.	S	p68	a	Classroom Computers: Beyond the 3 R's by Fred Bell
Cr. Comput.	S	p76	a	The TRS-80 As A Classroom Teaching Tool by Samuel Spero
Cr. Comput.	S	p78	a	The Computer vs. The Professor by Donald Mowrer
Cr. Comput.	S	p82	a	Statewide Educational Computer Systems, The Many Considerations by Kevin Hausmann
Cr. Comput.	S	p132	a	Micros "GOTO" School by Donald Piele
Cr. Comput.	S	p142	a	A Grade Maintenance Program for the Apple II with Disk Drive by Jim Hunter
Cr. Comput.	O	p130	a	CAI: Two Strategies by George Brubaker
Cr. Comput.	N	p104	a	Teacher-Made Tests: Debugging and Evaluating by Douglas Green & Jeffery Hering
Cr. Comput.	D	p82	a	LOGO: A Computerized Language for Children by Daniel Watt
Dr. Dobbs	Je	p8	a	XS-O: A Self-Explanatory School Computer by Nievergelt, Frei, Burkhart, Jacobi, Plattner, Sugaya Weibel & Weydert
Dr. Dobbs	O	p45	b	Microcomputers and the 3R's by Christine Doerr
Interf. Age	Jy	p26	a	Micro Medicine, Computer Aided Medical Instructon by Wm V Weiss
Interf. Age	Ag	p90	a	My TRS-80 Likes Me, When I Teach Kids How to Use It by Bob Albrecht
Interf. Age	O	p60	a	Personal Computers in the Classroom by J Olin Campbell
Interf. Age	O	p64	a	The Micro in a Small School and at the University Level by Francis McGowan & Donald R Scherer
Interf. Age	O	p68	a	Apples, Computers and Teachers by Don Inman
Interf. Age	O	p74	a	TEACHER: The Classroom Record Keeper by Richard Lemon & Craig Jones
Interf. Age	O	p96	a	My TRS-80 Likes Me, When I Teach Kids How to Use It by Bob Albrecht
Interf. Age	N	p57	a	How to Computerize A Laboratory by Murray A Cowen, Steven Kaye & Jeff Cowen
Interf. Age	N	p113	a	My TRS-80 Likes Me When I Teach Kids How to use It Part 3 by Bob Alrecht
Interf. Age	D	p78	a	uComputers and Videodiscs: New Dimensions for Computer Based Education by Robet D Woolley
Interf. Age	D	p114	a	My TRS-80 Likes Me When I Teach Kids How To Use It Part 4 by Bob Albrecht
Kilobaud	Je	p44	a	New Life for Our Altair by Harley Dyk
Kilobaud	Jy	p48	a	Computer Careers in Carolina by James A Gupton
onComputing	Su	p104	a	A Teacher is Forever by Joseph Dawes
onComputing	W	p34	a	The Talcott Mountain Science Center, Teaching Science w/ Per. Computers by Daniel Barstow
PCW	Ap	p43	a	The Learn Machine by Richard Hooper
PCW	Je	p29	a	Polytechnical Processing: Computer, Students, Teachers in Leicester by Philip Lawton
Per. Comput.	S	p54	a	EXAM by Loyd Bulmer
Per. Comput.	O	p50	a	The Computer Glass Box by Howard Peelle
Rec. Comput.	My	p8	a	A Testimony to a Micro, Peter Can Now Read by John Pollard
Rec. Comput.	My	p46	a	FLASH (Word Recall Program) by Theodore Hines, Rosann Collins, Jerry Russell & Linda Spencer
Rec. Comput.	Jy	p51	a	MATH by Tony Pola
Rec. Comput.	N	p27	a	TRS-80: Elementary Math by Karen Chepko
Rec. Comput.	N	p59	b	Microcomputers and the 3R's A Guide for Teachers by Christine Doerr
80-U.S.	Ja	p27	a	Math Drill A La King by T R Dettmann
80-U.S.	S	p34	a	TRS-80 in Education by Cam Brown

ERROR CORRECTION

Byte	F	p180	a	Hamming Error Correcting Code by Michael Wimble
Byte	Jy	p98	1	Hamming Error Correcting Code has Problems (Byte Feb '79 p180) by George White
Cr. Comput.	Jy	p60	a	Distance and Error Correcting Codes
Elec. Des.	Jy19	p110	a	Drop costs, but not your bits with a Manchester-data decoder by Jerry Norton
Electronics	N 22	p103	a	Applying Hamming code to microprocessor-based systems by Ernst L Wall

EXPERIENCE

Cr. Comput.	Ja	p106	a	Who Really Needs Interfacing Problems? by Donald Skiff
Cr. Comput.	S	p74	a	Computer Anxiety: One Way to Handle It by Anne Knight
Cr. Comput.	O	p124	a	Blunder Programming by Robert Hoffman
Cr. Comput.	N	p148	a	The Awakening: 9-year Old Talks by Detta Ahl

EXPERIENCE continued

Interf. Age	N	p70	a	Computers-The Plain Truth, Selecting Your First Computer by Roger Smolin
onComputing	Su	p6	a	Getting Started by Elizabeth Hughes
onComputing	W	p66	a	Kitmanship
PCW	Ja	p17	a	Personal Experience by Chris Ward
PCW	Mr	p51	a	Personal Experience, Programming for Pleasure by David McBreen
Rec. Comput.	Ja	p24	a	Keeping Track of 'MOTHER' (About an Index of MOTHER EARTH NEWS) by Ellen Levine
Rec. Comput.	Mr	p28	a	SARGON Diary by Mike Gabrielson
Rec. Comput.	S	p67	a	New Hampshire's Intrepid Hobbyist by Robert Howarth
80-U.S.	S	p32	a	Experience Programming by David Ripplinger

FICTION

Cr. Comput.	Ja	p32	b	Computers, Computers, Computers, In Fiction and In Verse by D Van Tassle
Cr. Comput.	Ja	p36	a	The Computer in Fiction: (11 Book Reviews) by Dennie Van Tassel
Cr. Comput.	Ja	p84	a	The Legend of Jimmy The Green by Dick Hoover
Cr. Comput.	F	p40	a	Speculations by Peter Payack
Cr. Comput.	F	p91	a	The Perfect Caddy by Steve Greene
Cr. Comput.	Mr	p73	a	A Lesson in Strategy: Buying Time by Philip Wilkinson
Cr. Comput.	My	p86	a	The Counselor by Ted Mancuso
Cr. Comput.	My	p90	a	A Case for Dreams by Louise Difbor
Cr. Comput.	Je	p112	a	Opening Move by Fred Baldwin
Cr. Comput.	Jy	p110	a	Gen A Sys by Jay Elkes
Cr. Comput.	O	p165	a	The Link by S A Williamson
Interf. Age	F	p15	a	The Column; A Bedtime Story by Sandra Evans
Interf. Age	Ap	p20	a	The Column; The Performance by Leo Benedict
Kilobaud	N	p128	a	Sherlock Holmes and the Computer by Thomas Hunter
Per. Comput.	F	p24	a	A Chessboard Fantasy by Harry Shershow
Per. Comput.	Jy	p76	a	Hetty Green by Larry Eisenberg
Rec. Comput.	Ja	p20	a	Alice in Collapsar-land by Warwick Slough
Rec. Comput.	Ja	p32	a	In the Year 2889 by Jules Verne
Rec. Comput.	Mr	p16	a	Database by Warwick Slough
Rec. Comput.	Mr	p24	a	Labor Relations by Ralph Roberts
Rec. Comput.	Jy	p48	a	What Light on Yonder Panel Flashes? by Ralph Roberts
Rec. Comput.	N	p24	a	Interrupt by Warwick Slough

FUTURE

Byte	Mr	p42	b	Your Own Computer by Mitchell Waite & Michael Pardee
Cr. Comput.	Mr	p50	a	Computing at the Millenium, Creative Computing Reader Profile by Thomas Dietz & C A Johnson
Cr. Comput.	Je	p6	e	Ten Years From Now? by John Craig
Cr. Comput.	Je	p78	a	Halve Your Job, A View of the Future by Andrew Page
Cr. Comput.	D	p186	b	Running Wild by Adam Osborne
Dr. Dobbs	F	p20	a	GENIE An Immodest Proposal by David Chapman
Interf. Age	Mr	p54	a	Music of the Future by Dick Moberg
onComputing	Su	p65	a	The Information Age by Theodore Cohen
PCW	N	p78	a	Future-What Future?
Per. Comput.	Jy	p51	a	Future Computing: Sponsored "Programs" are Coming by William Parks
Per. Comput.	Ag	p13	a	Science Fiction Writer Discusses Future of Computers by David Gerrold
Per. Comput.	Ag	p70	a	Future Computing: Spread the Word, Fellow Hobbyists! by Bill Parks
Per. Comput.	N	p18	a	Future Computing: Will the Computer Rescue the Brain? by William Parks
Pop. Elec.	My	p49	a	The Upcoming New World of TV Reception by Leslie Solomon
Radio Elec.	O	p53	a	Electronics Tomorrow...2029 by Martin Bradley Weinstein

GAMES: CALCULATOR

Byte	Ja	p170	a	Some Random Games by C K Adams
Byte	Mr	p26	a	Race Car for the SR-52 by John E Bertsch
Byte	Ap	p236	a	A Binary Guessing Game, Calculator Pattern Recognition by Mark Zimmerman & James Blodgett
Byte	My	p182	a	Digits (SR-52) by Hal Snyder
Calc. Comp.	Ja	p63	a	Mini Bingo: A Pocket Calculator Game by Carrie Agnes Yap
PCW	Mr	p27	a	Turning the Tables (Times Table) TI57 by L R Carter
PCW	S	p71	a	Calculator Corner: Spaceship FX201-P (Casio) by O N Bishop
PCW	D	p94	a	Golf for HP-33E by J S Corb
Per. Comput.	Ja	p43	a	Hamurabi Solver: The Penultimate In Computer Madness (HP-25) by James Davidson
Per. Comput.	O	p37	a	Baseball for All Seasons, HP-25 by Leonard Magerman

GAMES: CHESS

Byte	Ja	p110	a	Grandmaster Walter Browne versus Chess 4.6 by John R Douglas
Byte	Ja	p126	a	Creating a Chess Player Part 4 Strategy in Computer Chess by Peter W Frey & Larry R Atkin

GAMES: CHESS continued

Byte	S	p34	a	Interface a Chessboard to Your KIM-1 by Jeff Teeters
Byte	N	p84	a	Alpha-Beta Pruning by W D Maurer
Cr. Comput.	Ja	p78	a	Attention, Chess Phreaks! Microchess for the TRS-80 (Review) by Les Palenik
Cr. Comput.	Ja	p134	a	World Chess Championship Computer by Theodore Ehora
Cr. Comput.	S	p86	a	The Levy Wager by Theodore Ehara
Cr. Comput.	O	p68	a	1st Creative Computing Microcomputer Chess Tournament by Stephen Kimmel
Dr. Dobbs	O	p46	b	Chess and Computers by David Levy
Kilobaud	Mr	p76	a	Chess Pawn by Edward E Ewald
Kilobaud	Jy	p58	a	Sargon Meets TRS-80 by Ronald H Bobo
Kilobaud	D	p46	a	Chess I for Apple II by Lou Haehn
onComputing	W	p26	a	Sargon vs Microchess, Which Plays Better Chess? by John Martellaro
PCW	Ap	p55	a	CHECKMATE A computer program for playing a chess ending by Francis Best
PCW	My	p25	a	Chess Programming, Before You Begin by David Levy
PCW	Jy	p57	a	Beginner's Gambit, Notes on "32"-A Version of Chess by R A Diamond
Per. Comput.	Ja	p38	a	Botvinnik on "Man and the Computer" (Chess) by M Botvinnik
Per. Comput.	Ja	p69	a	Computer Chess: Bucharest Report by Harry Shershow & Morris Miller
Per. Comput.	F	p59	b	Test Tube Chess by A J Roycroft
Per. Comput.	F	p63	a	Computer Chess: Chess Challenger-10 Wins Microchess Tourney by Harry Shershow & Morris Miller
Per. Comput.	Mr	p58	a	The 9th Annual ACM Chess Tournament in Washington, DC by Harry Shershow
Per. Comput.	Je	p77	a	Computer Chess: A Rusian Algorithm for Chess by Harry Shershow & Morris Miller
Per. Comput.	Je	p90	b	Chess and Computers by David Levy
Per. Comput.	Je	p90	b	The World Computer Chess Championship by Hayes & Levy
Per. Comput.	Jy	p80	a	Computer Chess: Will Blitz be next year's champ?
Per. Comput.	Jy	p92	b	Advances in Computer Chess by M R B Clarke
Per. Comput.	Ag	p73	a	Computer Chess: Man Against Computer by Harry Shershow
Per. Comput.	Ag	p88	b	Chess Skill In Man and Machine by Peter Frey
Per. Comput.	S	p59	a	Computer Chess: Chafitz' Big Move in Computer Chess by Harry Shershow
Per. Comput.	O	p73	a	Computer Chess: The Computer Attacks Moravec Problem by Harry Shershow
Per. Comput.	N	p73	a	Computer Chess: A Review of Chess Devices and Programs by Harry Shershow
Per. Comput.	D	p48	a	BASIC Chess by Michael McCann
Per. Comput.	D	p71	a	Computer Chess: Two New Programs Are Tested by Harry Shershow
Rec. Comput.	Ja	p21	a	a New Algorithm for Chess by David Chelberg & David Watters
Rec. Comput.	Mr	p18	a	a New Algorithm for Chess, Part II by David Chelberg & David Watters
Rec. Comput.	Jy	p44	a	a New Algorithm for Chess Part III: Opening Strategy/Beginning Mid Game by David Chelberg & David Watters
Rec. Comput.	N	p36	a	a New Algorithm for Chess Part IV: Mid Game Strategy-The Dynamic Eval. by David Chelberg & David Watters
80-U.S.	N	p39	a	The Great 80-U.S. CHESS Tournament by M Schmidt

GAMES: COMPUTER

Byte	Ja	p90	a	Life Algorithms by Mark D Niemiec
Byte	F	p43	c	Correction for Tic-Tac (Byte Dec. '78 p174)
Byte	F	p120	a	Approaching Game Program Design by H L Stuck
Byte	Ap	p10	a	The Toy Store Begins at Home by Steve Ciarcia
Byte	Ap	p166	a	Life Can Be Easy by Randy Soderstrom
Byte	Ap	p201	c	Correction for Commander in Chief program (Byte Dec. '78 p192) by Dennis Grundler
Byte	My	p196	a	Tic-Tac-Toe: A Programming Exercise by Delmer D Hinrichs
Byte	Ag	p194	c	Tic Tac Toe (Byte May '79 p196) by Delmer Hinrichs
Byte	Jy	p176	a	Quest by Roger Chaffee
Byte	O	p175	a	Tic-Tac-Tactics by John C Miller
Byte	O	p196	a	Space Game by Loring C White
Byte	N	p56	a	BASIC Game: GOBANG by John Allwork
Byte	N	p66	a	Programming Strategies in the Game of Reversi by Peter B Maggs
Byte	N	p104	a	A Spacecraft Simulator by Gary Sivak
Byte	N	p113	a	The National Micropastime (Baseball) by Joseph J Roehrig
Byte	N	p152	a	Writing Animated Computer Games by Tony Estep
Calc. Comp.	Ja	p30	a	Be A Computer (Word Guessing Game) by Curt Torgerson
Compute	Fl	p86	a	32K Programs Arrive: Fantasy Role Playing Game For The PET by Len Lindsay
Compute	Fl	p91	a	Review: Bridge Challenger by George Duisman
Cr. Comput.	Ja	p112	a	Space Maze, 3D Space Simulation Game by Lloyd Johnson
Cr. Comput.	F	p67	b	Star Ship Simulation by Roger Garrett
Cr. Comput.	F	p132	a	Gold Mine by Royce Jones
Cr. Comput.	F	p136	a	ATOM 20 by Ray Brander
Cr. Comput.	Mr	p89	a	The Game of GO--The Ultimate Programming Challenge by Milton Bradley
Cr. Comput.	Ap	p34	a	Element of a Good Computer Game by Sol Friedman
Cr. Comput.	Ap	p100	a	What Will Happen If...? by Glenda Lappan & M Winter
Cr. Comput.	Ap	p137	a	Video Checkers (review) by Lee Churchman
Cr. Comput.	Ap	p139	a	Lewis Carroll by Michael Orlove

GAMES: COMPUTER continued

Cr. Comput.	My	p104	a	Cribbage by Sheppard Yarrow
Cr. Comput.	My	p114	a	Mille Bornes by Richard Kaape
Cr. Comput.	Je	p92	a	GREED: A Game Playing Program with Adjustable Skill Level by Ronald Ragsdale
Cr. Comput.	Je	p104	a	Inspector Clew-So by Ronald Carlson
Cr. Comput.	Je	p108	a	Inkblot
Cr. Comput.	Jy	p87	a	NICHE, A BASIC Game of Ecology by James Lehman
Cr. Comput.	Jy	p104	a	Brain Teaser by Hal Knippenberg
Cr. Comput.	Jy	p106	a	ZONE X by Jim Madeheim
Cr. Comput.	Ag	p90	a	An Adventure in Small Computer Game Simulation by Scott Adams
Cr. Comput.	Ag	p118	a	HVOLT by Greg Rappa
Cr. Comput.	Ag	p120	a	FORT by D Stanley, D Buttien & S Cohen
Cr. Comput.	S	p116	a	The French Military Game by Gerald Herd
Cr. Comput.	S	p120	a	Marooned In Space, TRS-80 Action Game by William Colsher
Cr. Comput.	S	p136	a	Geography by Jonathon Amsterdam
Cr. Comput.	S	p140	a	Simulations In the Game of Craps by Ellio Tanis
Cr. Comput.	O	p108	a	Your Own Insulting Halloween Ghost: Horrible Harry by Joe Weisbecker
Cr. Comput.	O	p136	a	Press Ups by Ron Behrns
Cr. Comput.	O	p140	a	USWAR by Garth Dollahite
Cr. Comput.	N	p108	a	Adventure by Ben Moser
Cr. Comput.	D	p116	a	What's Your Math IQ by Howard Berenborn
Cr. Comput.	D	p120	a	The Amazing 3 cent Magic Computer by Joe Weisbecker
Cr. Comput.	D	p184	b	12 Books for Your Holiday Enjoyment (Games) by David Ahl
Dr. Dobbs	Ja	p34	a	A Mastermind Player for the National SC/MP Microprocessor by Charles Kapps
Dr. Dobbs	My	p26	a	Programming Pastimes and Pleasures; Computer Game Playing, Neutron Game by Charles Wetherell
Interf. Age	N	p100	b	Game Playing With Computers by Donald Spencer
Interf. Age	D	p34	a	Al Baker's Game Corner (Atari 400) by Al Baker
Kilobaud	Ja	p32	a	Rolling Dice by Rod Hallen
Kilobaud	F	p100	a	Super Mastermind by Tom Cardoso
Kilobaud	Mr	p80	a	Exterior Ballistics with the Home Computer by David Dixon
Kilobaud	Ap	p11	b	24 Tested Ready-to-Run Game Programs in BASIC by Ken Tracton
Kilobaud	Ap	p106	a	Starship Attack by Marc Schwartz
Kilobaud	My	p78	a	A Game of Darts by Julie Martin
Kilobaud	Ag	p100	a	Nerves by Mark Borgerson
Kilobaud	S	p108	a	Beat the Computer, Blackjack Strategy by Jerry Howard
Kilobaud	O	p110	a	Arena by Richard Price
Kilobaud	O	p166	a	Touch by Adrian Thorton
Kilobaud	N	p118	a	Wari by L D Stander & P H Stander
Micro	F	p39	a	Life for the KIM-1 and an Xitex Video Board by Theodore Bridge
Micro	Ap	p9	a	Lifesaver by J Stelly
Micro	My	p17	a	Super HI-LO for the SYM-1 by Jack Gieryic
Micro	My	p31	a	Real-Time Games on OSI by David Morganstein
Micro	Ag	p22	a	A Better LIFE for Your APPLE by L William Bradford
Micro	S	p21	a	Life in the Fast Lane by Richard Auricchio
Micro	O	p15	a	Spelunker (programming game) by Thomas Mimlitch
Micro	D	p45	a	A 60 X 80 Life for the PET by Werner Kolbe
onComputing	Fl	p19	a	Magic For Your Micro by Chris Morgan
PCW	Mr	p64	a	Minefield by Scott Bell & Simon Dowson
PCW	Je	p62	a	Bridge Hands Competition by Sheridan Williams
PCW	Je	p71	a	Wheeler Dealer by Ken Wheeler
PCW	Jy	p55	b	BASIC Computer Games by D H Ahl
PCW	Jy	p59	a	Pet Preening, Play Snap With Your PET by Rupert Steele
PCW	S	p72	a	How Good is Your Memory by Ray Poynter
PCW	S	p76	a	An Orbital Simulation (PET) by Mike Naylor
PCW	O	p52	a	Dextrous Displays: Guide to Better Game Graphics by Tyrone Crudis
PCW	O	p87	a	PET Breakout by N S Fuller
PCW	O	p89	a	Power Boat by Derrick Daines
PCW	N	p113	a	Apple Worms by Ray West
PCW	D	p92	a	Air attack by Peter Calver
PCW	D	p92	a	Space Slalom Apple II by Geoffey Salt & Steve Withers
Per. Comput.	Ja	p50	a	Basketball Micro-Style by Joe Roehrig
Per. Comput.	Ja	p82	b	57 Practical Programs and Games in BASIC by Ken Tacton
Per. Comput.	F	p35	a	Computer Bridge by Thomas Throop
Per. Comput.	F	p42	a	The Cricket That Lives In The Computer by Harry Shershow
Per. Comput.	F	p47	a	TRS-80 Games: Craps,Guess-A-Number,Bagles,Friend Game by Marolyn Pinney
Per. Comput.	F	p56	a	A Mode-Seeking Game by Alan Filipski
Per. Comput.	Mr	p54	a	Buck Rogers Rides Again: Space Rescue Program by Robert Tinsley
Per. Comput.	Ap	p50	a	A Simple Game Playing Field by L D Stander
Per. Comput.	Ap	p53	a	Computer Programs for Bridge Bidding by Thomas Throop
Per. Comput.	Je	p60	a	ROBOTS by William Lappen

GAMES: COMPUTER continued

Per. Comput.	S	p7	c	Correction for ROBOTS (Per. Comput. June '79) by Larry Hamilton
Per. Comput.	Je	p70	a	A General Game Playing Program by Herbert Dershem
Per. Comput.	Je	p84	a	Computer Games of Other Sorts: Analysis of Game by Bill Man
Per. Comput.	Je	p87	a	Computer Bridge: Playing Against the Duisman Program by Thomas Throop
Per. Comput.	Jy	p42	a	Compute 4 by Mark Sawusch
Per. Comput.	Jy	p88	a	Computer Games: Computer Checkers
Per. Comput.	Jy	p90	a	Computer Bridge: New Bridge Units from Fidelity by Thomas Throop
Per. Comput.	Ag	p28	a	The Hardness Factor of Games by Martin Petersen
Per. Comput.	Ag	p58	a	Jump Hole Gunner by John Walker
Per. Comput.	Ag	p81	a	Computer Backgammon
Per. Comput.	S	p38	a	Who Am I? by John Palmer
Per. Comput.	S	p67	a	Computer Games: On the Road to Adventure
Per. Comput.	S	p71	a	Computer Bridge: New Bridge-Playing Products by Thomas Throop
Per. Comput.	O	p40	a	The Minotaur's Malevolent Maze by David Lappen
Per. Comput.	O	p70	a	Computer Bridge: The Complex Strategy of Bridge by Thomas Throop
Per. Comput.	O	p81	a	Computer Games: The GOMOKU Tournament
Per. Comput.	N	p87	a	Computer Bridge: Arguments on the Logic of Computer Bridge by Thomas Throop
Rec. Comput.	Ja	p15	a	TRS 80: The MEMORY GAME by Ramon Zamora
Rec. Comput.	Ja	p39	a	Runequest by Steve Perrin & Friends
Rec. Comput.	Ja	p46	a	"Reino" Spanish Kingdom by Todd Voros, Lee Schneider, Rodrigo Julio Murillo & Jacobo Neuman
Rec. Comput.	Ja	p52	a	TRS-80: Concept Game by Ramon Zamora
Rec. Comput.	Mr	p15	a	AIR RAID! by Milan Chepko
Rec. Comput.	Mr	p31	a	SLOT by Donald Hoffman
Rec. Comput.	Mr	p34	a	Runequest by Steve Perrin & Friends
Rec. Comput.	Mr	p37	a	Epic Games for Modest Computers by Arthur Wells
Rec. Comput.	Mr	p40	a	UNIVERSE An Immodest Proposal by Les Lazar
Rec. Comput.	My	p16	a	The Game of Life by Howard Peelle
Rec. Comput.	My	p39	a	Software Reviews from The Best Of The PET Gazette
Rec. Comput.	My	p40	a	Concept Sans Computer by Eryk Vershen
Rec. Comput.	My	p42	a	Inspector Clew-So by Ronald Carlson
Rec. Comput.	My	p47	a	Faster Jumble by Peter Stark
Rec. Comput.	My	p50	a	HUNT A New Class of Game by Michael Richter
Rec. Comput.	My	p56	a	China Tradesman: Taipan (TRS-80)
Rec. Comput.	Jy	p14	a	D P Game Playing by Robert Glass
Rec. Comput.	Jy	p35	a	ZORK: A Computerized Fantasy Simulation Game by David Lebling, Marc Blank & Timothy Anderson
Rec. Comput.	S	p16	a	Architecture of Multi Player Games by Todd Voros
Rec. Comput.	S	p31	a	TRS-80: Game of Life by G E Fleming
Rec. Comput.	S	p42	a	Designing Animal Games by Mike Gabrielson & Tom Martin
Rec. Comput.	S	p57	a	APL Mastermind by Nick Cooley
Rec. Comput.	N	p11	a	Match Me by Don Inman
Rec. Comput.	N	p14	a	A Shogi Variation by Herbert Kohl
Rec. Comput.	N	p46	a	TRS-80 BINGO by Karen Chepko
"68" Micro	My	p26	a	Some Common BASIC Games by Tom Harmon
"68" Micro	Jy	p34	a	JUMBLE by E Pass
"68" Micro	S	p28	a	LIFE (6809) by Cliff Rushing
80-U.S.	Ja	p11	a	Bowling Game by T Pepin
80-U.S.	Ja	p27	a	Math Drill A La King by T R Dettmann
80-U.S.	Ja	p35	a	ERODE (TRS-80) by Kristi Schmidt
80-U.S.	Mr	p31	a	The Magic of Leo Christopherson (Android Nim Author & What He's Doing) by M Schmidt
80-U.S.	Mr	p36	a	Bluffit, A Game of Bluff and Counter Bluff by Roy Groth
80-U.S.	My	p12	a	Software Review: Starfleet Orion by G Blank
80-U.S.	My	p22	a	Chinese, Android and other Nims by A R Manson
80-U.S.	My	p24	a	Mind Reader by Jerry Atkinson
80-U.S.	Jy	p21	a	Software Review: WIN 21, Tutorial for Winning Blackjack
80-U.S.	Jy	p26	a	Lifeboat by Karl Jahns
80-U.S.	Jy	p38	a	Software Review: Star Trek for the TRS-80 by George Blank
80-U.S.	S	p4	a	Slot Machine
80-U.S.	S	p5	a	Ghost Submarine
80-U.S.	S	p13	a	Advanced Capture
80-U.S.	S	p46	a	Software Review: ADVENTURE by Roy Groth
80-U.S.	S	p49	a	Software Review: BEE WARY by George Blank
80-U.S.	S	p54	a	Software Review: TAIPAN by George Blank

GAMES: ELECTRONIC AND VIDEO

Byte	Ap	p10	a	The Toy Store Begins at Home by Steve Ciarcia
Cr. Comput.	Ap	p120	a	Review: Checker Challenger by Howard Ahl
Cr. Comput.	My	p16	a	Random Ramblings: Electronic Star at 1979 Toy Fair by David Ahl

GAMES: ELECTRONIC AND VIDEO continued

Cr. Comput.	O	p38	a	Atari Video Computer Cartridges by David Ahl
Cr. Comput.	N	p12	a	Electronic Games Roundup by David Ahl & Betsy Staples
Cr. Comput.	D	p17	a	Electronic Games Roundup Part II by David Ahl, Betsy Staples & Randy Heuer
Cr. Comput.	D	p24	a	Equip. Profile: APF MP-100 Video Game System by Randy Heuer
Interf. Age	Je	p66	a	Electronic Games, The First Step to Home Computers by Terry Costlow
onComputing	W	p7	a	Computer Games and Toys, What's New for 1980 by Chris Morgan
PCW	D	p50	a	Which Micro-toy? by David Tebbutt
Radio Elec.	Ja	p44	a	Build This: Video Motorcycle Game by L Steven Cheairs
Radio Elec.	My	p40	a	Build This: Bowling Game by Charles Stanford

GENERAL INTEREST

Byte	Ja	p10	1	Computer Insurance? by Bob Henderson
Byte	Je	p190	a	Concerning User's Manuals by H Edgar Coburn
Byte	O	p192	a	Trees (Poem) by Guy L Steele
Byte	N	p6	e	Is Pseudoscience Done by Computer Pseudo-Computer-Science? by Carl Helmers
Byte	D	p6	e	On the Importance of Casting Abstractions in Concrete by Carl Helmers
Byte	D	p250	a	Thirty Days to a Faster Input by Arthur Armstrong
Cr. Comput.	Mr	p62	a	The New Era, Personal Computers & Ma Bell by Frank Derfler
Cr. Comput.	Ap	p104	a	I Can Steal Your Computer! by Harold Gluck
Cr. Comput.	Ap	p108	a	People Programming by James Garson
Cr. Comput.	Jy	p51	a	How Creative are You? (Quiz) by Eugene Raudsepp
Cr. Comput.	Ag	p46	a	The Controversy Goes On: "Can Computers Think?" Part 1; Background by Peter Kugel
Cr. Comput.	Ag	p68	a	The Law and Your Computer by Harold Gluck
Cr. Comput.	S	p90	a	The FCC Position by Jeffrey Krauss
Cr. Comput.	O	p60	a	The Computer As A Gun by Gregory Yob
Dr. Dobbs	Ag	p4	a	On Computer Crime Bill S240 by Jon K Taber
Dr. Dobbs	N	p18	a	On Computer Crime Bill S240, A District Attorney Responds to Jon Taber by Donald Ingraham
Dr. Dobbs	N	p19	a	On Computer Crime Bill S240, Jon Taber Responds to Donald Ingraham by Jon Taber
Dr. Dobbs	N	p38	a	Prelim Programming Specs, VDM-2/Graphic Display by Lee Felsenstein
Interf. Age	Ja	p30	a	Jurisprudent Computerist; Choosing an Attorney by Elliot MacLennan & Stephen Murtha
Interf. Age	Ja	p73	a	NTS Basic Electronics (Review of Electronic Principles) by Walter L Stephens
Interf. Age	Ap	p34	a	Jurisprudent Computerist; Contracts by Elliott MacLennan
Interf. Age	Jy	p20	a	Jurisprudent Computerist: Trademarks--Part I by Leonard Tachner
Interf. Age	Jy	p74	a	Furniture Completes the System by Betsy Gilbert
Interf. Age	Jy	p93	a	The Human-Dolphin Interface by Mathew Tekulsky
Interf. Age	Ag	p22	a	Jurisprudent Computerist; Trademarks--Part 2 by Leonard Tachner
Interf. Age	O	p32	a	Jurisprudent Computerist, Trademarks--Part 3 by Leonard Tachner
Interf. Age	N	p28	a	Jurisprudent Computerist: Risk of Delay in Filing a Patent Application by Leonard Tachner
Interf. Age	N	p138	a	The Expanding Furniture Market by Terry Costlow
Interf. Age	D	p32	a	Jurisprudent Computerist: The Value of a Patent Application by Leonard Tachner
Kilobaud	Je	p14	b	Computer Capers by Thomas Whiteside
Kilobaud	Ag	p14	b	How You Can Learn to Live with Computers by Harry Kleinberg
Kilobaud	D	p130	a	Free Libraries
onComputing	Su	p65	a	The Information Age by Theodore Cohen
onComputing	Fl	p41	a	How and Where to Get Bargains in Used Computer Peripherals by Sol Libes
onComputing	Fl	p55	a	onComputing interview: Todd Rundgren by Tom Harvey
onComputing	W	p68	a	Profile of Sol Libes by Larry Barnes
PCW	Ja	p47	a	When the law Bites, Legal Situation in the Computer World by Brian Haines
PCW	Ap	p17	a	Debate of Dinosaurs by Hugh Price
PCW	Ag	p17	a	I Love Computers, But...The Not So Private Computer by Chris Howland
Per. Comput.	N	p58	a	Holiday Buyer's Guide by Don Wood
Per. Comput.	D	p22	a	Holiday Buyer's Guide Part 2 by The Editors
Pop. Elec.	O	p44	a	The Microcomputer An Evolving Revolution in Consumer Electronics by James VanTassel
Rec. Comput.	My	p34	a	What Is All This Stuff, Beginner's Guide to Fantasy Role-Playing by Charlie Krank
Rec. Comput.	N	p56	a	An Introduction to Recreational Disputing by John Hirsch

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Byte	Mr	p182	a	A Search for Vector Graphics by Mitchell Gilberg
Byte	Ap	p247	a	A Fix or the Dazzler by Michael A Baltrush
Byte	My	p14	a	Representing Three-Dimensional Objects in Your Computer by Richard Blum
Byte	Je	p60	a	More Colors for Your Apple by Allen WatsonIII
Byte	Jy	p16	a	Graphic Input of Weather Data by Stephen P Smith
Byte	Jy	p52	a	Apple Kaleidoscope by Robert J Bishop

GRAPHICS continued

Byte	Ag	p82	a	Exploring TRS-80 Graphics by George H Yeager
Byte	N	p63	a	Shape Table Conversion for the Apple II by Dave Partyka
Byte	N	p196	a	A Proposed Graphics Software Standard, Part 1 by Vincent C Jones
Byte	D	p82	a	A Proposed Graphics Software Standard by Vincent C Jones
Calc. Comp.	Ja	p46	a	High-Resolution Apple Art by Jim Day
Cr. Comput.	Mr	p122	a	Individual Graphing of Mathematical Functions by Dougas Schiffer
Cr. Comput.	Ap	p98	a	Superose (PET) by Michael Zorn
Cr. Comput.	Ap	p146	a	Vertical Graphs & Bar Charts by Robert Barrett
Cr. Comput.	My	p122	a	Personal Elec. Trans.: I/O, Graphics (PET) by Gregory Yob
Cr. Comput.	Je	p32	a	Computer Graphics With the Diablo by Tom McDonough
Cr. Comput.	Je	p38	a	Dramatic Graphics The Bit Pad Way by William Blewett
Cr. Comput.	Jy	p116	a	Apple Cart: Apple 3-D Graphics by Richard Milewski
Cr. Comput.	S	p17	c	Correction for 3D Apple Graphics (Cr. Comput. July '79) by Al Booth
Cr. Comput.	Ag	p10	1	Vertical Printing Graphing by Scott Davidson
Cr. Comput.	Ag	p100	a	Circular Functions
Cr. Comput.	S	p186	a	TRS-80 Strings: Kaleidoscope Graphics by Stephen Gray
Cr. Comput.	O	p46	a	A Computer Driven Real Three-Dimensional Display by Jon Cohen
Cr. Comput.	N	p178	a	TRS-80 Strings: Graphics, etc... by Stephen Gray
Cr. Comput.	D	p92	a	Sine Polys: Some Geometrical Explorations by Neil Rowe
Cr. Comput.	D	p126	a	Animation for the Apple by Michell Waite
Dig. Design	D	p33	a	Color Graphic Terminals by Harry Shershow
Dr. Dobbs	Ja	p44	1	Bedazzled by Roger Coleman
Dr. Dobbs	Ja	p45	a	Dazzled Again... by Ray Daly
Dr. Dobbs	O	p26	a	Producing Pictures on your Computer with a Diablo Printer by Jay C Bowden & Anna K Scharschmidt
EDN	My20	p97	a	Draw graphs with a uP system by Francesco Orsino
Elec. Des.	O 11	p31	a	Display graphic or text data on CRT monitors or TV sets (TMS9918) by Morris Grossman
Electronics	Ja18	p124	a	Converting digital data into color television graphics by Mitch Gooze'
Interf. Age	Mr	p98	a	Card of the Month: OEI 6100 Analog Graphic 3-D Display Modules by Roger H Edelson
Interf. Age	My	p47	a	The Inventor's Sketchpad: A 3-D System by Roger Garrett
Interf. Age	D	p24	a	The Column: Graphics Generator Program for 6800 by Henry Wurzburg
Interf. Age	D	p72	a	The Computerized Artist: Graphics for Artists Who Aren't Progrmmers by Betsy Gilbert
Interf. Age	D	p74	a	Cromenco's Superdazzler by Tom Fox
Interf. Age	D	p140	a	Using TRS-80 Graphic Codes by Woody Pope
Kilobaud	Ja	p34	a	Pseudo Graphics: An Inexpensive Approach by Phil Feldman & Tom Rugg
Kilobaud	F	p84	a	DOTS by Tom Pittman
Kilobaud	Ap	p34	a	DOTS (Character Generation on the 1802) by Tom Pittman
Kilobaud	My	p100	a	Graphing with the TRS-80 by Curtis Gerald
Kilobaud	My	p135	c	Correction for Raster Scan Graphics for 6800 (Kilobaud Nov '78 p29)
Kilobaud	Je	p64	a	Vector Graphing Techniques (North Star with Merlin) by Wendell Brown
Kilobaud	Jy	p76	a	A Circular Handle on Graphics by Allan S Joffe
Kilobaud	Jy	p112	a	Getting the Most out of Your TRS-80 by William L Colsher
Kilobaud	S	p104	a	Apple II High-Resolution Graphics by Darrell Smith
Kilobaud	D	p8	b	Introduction to TRS-80 Graphics by Don Inman
Kilobaud	D	p122	a	The BASICs of Computer Art by Leonard Kilian
Micro	Mr	p19	a	High-Resolution Plotting for the PET by John Sherburne
Micro	Mr	p43	a	6502 Graphics Routines by Jim Green
Micro	O	p52	a	Hypocycloids by E Morris
Micro	D	p11	a	How to do a Shape Table Easily and Correctly! by John Figueras
Micro	D	p61	a	Graphics and the Challenger 1P by William Taylor
PCW	My	p70	a	Statpack (Graphing of data) by Colin Chatfield
PCW	My	p72	a	3D Noughts and Crosses by Steve Thomas
PCW	Je	p67	a	APPLEVISION, Demonst-ations using the Apple II by G F Filbey
PCW	Jy	p60	a	Tandy TRS-80, The Soft Cursor (Graphics) by M O Benjamin
PCW	Ag	p47	a	SCALE, A General Purpose Graph Scaling and Plotting Program by Gillian Richmond
PCW	O	p52	a	Dextrous Displays: Guide to Better Game Graphics by Tyrone Crudis
Per. Comput.	F	p75	a	Micro Graphics and X-Y Plotter by Kathe Spracklen
Per. Comput.	Mr	p70	a	The Micro-Graphics X-Y Plotter, Part 2 by Kathe Spracklen
Per. Comput.	Ap	p44	a	How to Add Graphs to Your Computer Output by R Tickell
Per. Comput.	Ap	p58	a	Apple II Artist Extaordinaire by Raymond Vizzone
Per. Comput.	Je	p38	a	"G" is for Graphics by Mark Zimmerman
Per. Comput.	Ag	p38	a	Bar Graphs and Histograms, Visual Aids for Business, Home and School by James Cerny
Per. Comput.	N	p22	a	Drawing Three-Dimensional Objects, Part 1 by John Ross
Per. Comput.	D	p40	a	Drawing Three-Dimensional Objects, Part 2 by John Ross
Pop. Elec.	Ja	p87	a	Computer Bits: Update on Graphics by Hal Chamberlin

GRAPHICS continued

Pop. Elec.	Je	p91	a	Computer Bits: Two New Graphics Systems (Talos Digitizer) by Leslie Solomon
Rec. Comput.	Mr	p21	a	TRS-80: 3D Plots by Milan Chepko
Rec. Comput.	Jy	p16	a	Don't SET your Graphics; PRINT Them (TRS-80) by Clyde Farrell
80-U.S.	Mr	p44	a	Level II Poke Graphics by George Blank
80-U.S.	Jy	p13	a	The Great Turn On, Set and Point Enhancments by Leo Christopherson
80-U.S.	S	p20	a	Drawing Board by Rod Hallen
80-U.S.	N	p18	a	Function Grapher/Root Finder by Roy Groth

HISTORY

Byte	Ja	p190	a	History of Computers The IBM 704 by Keith S Reid-Green
Byte	Ap	p201	c	Correction for: History of Computer (Byte Jan '79 p190) by Warren G Tisdale
Byte	Mr	p238	a	History of Computers The IBM 650 by Keith S Reid-Green
Byte	Ag	p194	c	Don't Share Your Soap (History of Computers Byte March '79 p238) by Leo Walder
Byte	My	p211	a	Other Early Computers by G B Lane
Byte	Je	p148	a	The History of Computing, The IBM 7070 by Keith S Reid-Green
Cr. Comput.	Je	p116	a	Nostalgia in Coin-op Games by David Ahl
Cr. Comput.	D	p6	e	Looking Back by John Craig
Dr. Dobbs	F	p49	a	Amazingly Simple Device Revolutionizes Electronics (Transistor 1948)
Dr. Dobbs	Ap	p32	a	CONVERSATION on the origins of Dr. Dobb's Journal
PCW	Ap	p19	a	An Early Steam Computer by Eric Finlay
Per. Comput.	Ja	p27	a	The Diode Connection by Henry Brainerd
Per. Comput.	F	p3	l	Bessie Remembered by Ellison Smith
Per. Comput.	Jy	p52	a	Pi in the Computer Age by Peter Beckmann
Radio Elec.	O	p39	a	Radio Electronics 50th Anniversary 1929-1979
Radio Elec.	O	p57	a	Lights That Failed

HOME APPLICATIONS

Byte	Ja	p56	a	Build a Computer Controlled Security System for Your Home Part 1 by Steve Ciarcia
Byte	F	p162	a	Build a Computer Controlled Security System for Your Home: Part 2 by Steve Ciarcia
Byte	Mr	p150	a	Build a Computer Controlled Security System or Your Home: Part 3 by Steve Ciarcia
Byte	Je	p214	c	Correction For: Computer Controlled Security System (Byte Mar '79 p150)
Byte	F	p128	a	Computerized Wine Cellar by Rodney W Joliffe
Byte	Ap	p10	a	The Toy Store Begins at Home by Steve Ciarcia
Byte	Je	p208	a	Checkbook Balancing Routine by Loring C White
Byte	O	p48	a	Power Helps Analyze Electric Bills by Karen S Wolfe
Calc. Comp.	Ja	p56	a	Meals in Minutes (Menu Shoping List) by Linda M Schreiber
Cr. Comput.	F	p105	a	Watch Your Wallet!, Home Budget Management by Dennis McGuire
Cr. Comput.	Mr	p82	a	A Data Base System with a Purpose, Making Life Easier for You by Dave Culbertson
Cr. Comput.	Ap	p38	a	Aesthetics, Is Your Computer Missing Out? (Cabinet) by Bill & Katha Endress
Cr. Comput.	Ap	p128	a	An Intelligent Calendar for Every Home by Gary Young
Cr. Comput.	Ap	p132	a	Joy of Computerized Motoring, Is Your Car Ready for this? (Compucruise) by Rod Hallen
Cr. Comput.	Ap	p135	a	Her's Computer Help with Your Checkbook by Emerson Brooks
Cr. Comput.	Jy	p92	a	Personal Finances: A Model for Planning by James Owen
Cr. Comput.	S	p62	a	Solo Computing in the Home: Short Courses for Parents and Children by Thomas Dwyer & Margot Critchfield
Cr. Comput.	N	p54	a	Equip Profile: A Home Control System, Mountain Hardware Apple Introl X by Paul Daro
Cr. Comput.	N	p60	a	Today We Control the House, Tomorrow... by Mark Garetz
Cr. Comput.	D	p64	a	Today We Control the House, Tomorrow..Part II Interfacing & Software by Mark Garetz
Dr. Dobbs	Ja	p36	a	Performing A Cost-Benefit Analysis of Improvement to Cut Home Fuel Costs by Michael Trombetta
Dr. Dobbs	Mr	p46	l	Computers and Home Stereos by Charles De Craene
Dr. Dobbs	S	p4	a	An Electromechanical Household Servant by D J Reynolds
Electronics	Jy19	p93	a	Microcomputers to run test house by Larry Walker
Interf. Age	Je	p57	a	The House Gimix Built by Bill Turner
Interf. Age	Je	p62	a	Fairchid Technology Enhances The Living Environment
Interf. Age	Je	p68	a	Home Applications for the 6800 by David E Shambaugh
Interf. Age	Je	p80	a	Lumber (remodeling bid program) by Jim Schreier
Interf. Age	Je	p131	a	Home Poison Control, Using Your Computer to Save a Life by Alan R Miller
Kilobaud	F	p38	a	Computerized Climate Control by Michael A Feldman
Kilobaud	Je	p13	b	Personal Information Management Systems (PIMS) by Madan Gupta
Kilobaud	Je	p74	a	A Personal Finance System by James McClure
Kilobaud	Jy	p50	a	Personal Finance System by James McClure
Kilobaud	Ag	p26	a	Cover Up, Home Redecoration Program by Carol Ascolillo & Nancy Schwartz

HOME APPLICATIONS continued

Kilobaud	Ag	p66	a	Personal Finance System by James McClure
Kilobaud	S	p48	a	Happy Motoring, Fuel Economy, Consumption and Trip Recording by Phil Feldman
Kilobaud	D	p32	a	Electric Bill Watchdog by Edward Back & Sandra Back
onComputing	W	p59	a	The Personal Check Writer by Andrew Recupero
PCW	Ap	p63	a	Mortgages, Can You Afford One? by John Lee
Per. Comput.	Ja	p83	b	The Mind Appliance: Home Computer Applications by T G Lewis
Per. Comput.	F	p26	a	Menu Planning by Carolyn Busch & Sam Newhouse
Per. Comput.	My	p4	c	Correction for Menu Planning (Per. Comput. Feb '79 p34)
Per. Comput.	F	p60	a	Plantman by Pat Tanner
Per. Comput.	Mr	p14	a	Where Did All the Dollars Go? by Roger Ulasovetz
Per. Comput.	My	p20	a	Your Family Health Plan by Keith Jones
Per. Comput.	My	p38	a	Tracking Prices at the Store by Sam Newhouse
Per. Comput.	My	p45	a	Watering Your Lawn by Computer by Frank Rone
Per. Comput.	Ag	p95	a	Remote Control For the Home by Rick Whitesell
Per. Comput.	S	p18	a	Electric Usage Analysis Program by Howard Berenborn
Per. Comput.	O	p22	a	Viewing Real Estate Investments by Larry Severseen
Pop. Elec.	S	p80	a	Make Your Computer Work As a Control Center by Cass Lewart
Radio Elec.	Je	p35	a	Build This: Programmable Home Thermostat by Peter Gise
Radio Elec.	Jy	p25	a	Equipment Report: BSR System X-10 AC Remote Control
Radio Elec.	O	p75	a	Build This: Automate Your Home (Programmable Control System) by Noel Nyman
Rèc. Comput.	S	p48	a	The Outside Connection by Doc Plumber
"68" Micro	F	p31	a	Home Inventory System Software Description
80-U.S.	N	p51	a	Home Heat Loss Calculation Program by Ralph White

HUMOR

Cr. Comput.	F	p70	a	A Creative History of the Computer (Humor) by Ernest Pasanen
Cr. Comput.	Mr	p75	a	The Inverse Peter Principle by A Nonymous
Cr. Comput.	Ap	p92	a	April Foolishness: Predictive Documentation By Computer by Peter Denning
Cr. Comput.	S	p154	a	An Unsyncopated A Cappella Approach to Computing by James Cerny & Roscoe Gort
Dr. Dobbs	Ag	p40	1	A Gift From the Silicon Pathways (Undocumented Instructions) by Doug MacDonald
Interf. Age	Ag	p11	1	Lament of a Computer Widow (poem) by Claire Knippling
Kilobaud	Ja	p12	b	Some People Just Won't Believe a Computer by Donald D. Spencer
Kilobaud	Mr	p44	a	The S-100 Bus Computer (Cartoon) by Richard Rodman
Kilobaud	Ag	p44	a	MURPHY'S LAWS and other observations by Terry Kepner
Kilobaud	D	p66	a	Eschew Obfuscation by Allen Watson
PCW	Ja	p25	a	The Micro Muse, Background to Micro Poetry-3 by Eric Finlay
Per. Comput.	Mr	p18	a	Employment Interview by S Roger Keith
Per. Comput.	Ag	p22	a	A Mad Programmer's Dictionary by Tom McDonough
Radio Elec.	Mr4	p48	a	3 Unique Projects: 1 Station Intercom, Solar Nite Lite, 1 Shot Logic Ind by Martin Bradley Weinstein & Joseph Gartman
Radio Elec.	O	p57	a	Lights That Failed
Rec. Comput.	Mr	p32	a	Fortran Man (Comic) by Lee Schneider & Todd Voros
Rec. Comput.	My	p32	a	Fortran Man (Comic) by Lee Schneider & Todd Voros
Rec. Comput.	Jy	p32	a	Fortran Man by Lee Schneider & Todd Voros
Rec. Comput.	N	p32	a	Fortran Man by Lee Schneider & Todd Voros

I/O

Byte	Mr	p142	a	A Stepping Motor Primer Part 2: Interfacing & Other Considerations by Paul Giacomo
Byte	Ap	p50	a	A Comparison of Bar Code Encoding Schemes by Robin C Moseley
Byte	My	p164	a	Simultaneous Input and Output for Your 8080 by W D Maurer
Byte	S	p10	a	Joystick Interfaces by Steve Ciarcia
Byte	S	p196	a	Add Some Control to Your Computer, An Output Port Tutorial by Ken Barbier
Byte	O	p124	a	Interfacing the S-100 Bus With the Intel 8255 by David L Condra
Byte	N	p192	a	Keyboard Input Software for the Z-80 by Kerry W Newcom
Comp. Des.	Ap	p83	a	Designing a uP Driven Multipurpose Peripheral Contoller by Richard Binder
Comp. Des.	My	p203	a	Logic Variable Format Techniques for Efficient Process Control I/O by Rajiv Bhargava & Anil Chandra
Comp. Des.	O	p147	a	Interfacing Fundamentals: 6800 I/O and System Configuration by Titus, Titus, Staugaard, Rony & Larsen
Cr. Comput.	N	p98	a	Build Your Own Joysticks and other Analog to Digital Devices by Gary Sabot
Dig. Design	Ap	p34	a	Programmable Interface Chips by Lance Leventhal & William Walsh
Dig. Design	S	p56	a	CRT Light Pen Technology and Design by Robert Klatt
Dig. Design	D	p52	a	Digitizers by Warren Ridge
Dr. Dobbs	Mr	p41	a	PIAs for KIM by Joel Swank
Dr. Dobbs	S	p39	1	OCR by K S Wilkinson
EDN	F 5	p78	a	Eight-bit port reads four joysticks (6502) by Arch Robison
EDN	S 20	p73	a	Replace PIAs--save space and money by Ray Boaz
Elec. Des.	F 15	p78	a	Unload the master with a slave in uC-based sensor monitoring (8041) by Robin Jigour

I/O continued

Elec. Des.	F 15	p142	a	One-shot adapts resistive/capacitive transducers to a uP by Andrew M Hudor
Elec. Des.	Mr29	p102	a	Free the uC's CPU from I/O hassles with a special I/O processor (8089) by Dave Stamm, Stan Kopec & Bruce McCormick
Elec. Des.	O 25	p106	a	Simplify & improve heat control by combining temp sensor & heater by Ronald S Scharlack
Elec. Des.	O 25	p116	a	Bimapped port accepts both I/O & memory reference instructions by Mohammed H Master
Elec. Des.	N 8	p58	a	Learn the timing and interfacing of MC68000 peripheral circuits by John Stockton & Victor Scherer
Elec. Des.	N 22	p118	a	LSI peripherals: uP's helping hands (selection guide)
Elec. Des.	D 20	p66	a	Micromachine: fast enough for Winchester, but adaptable to many interf. by Brewster Porcella
Electronics	Ag16	p93	a	Peripheral Chips shift microprocessors systems into high gear by John G Posa
Electronics	N 8	p144	a	Interface processor has two minds to transfer data faster by Alton B Otis
Interf. Age	Ja	p51	a	The Inventor's Sketchpad; Direct Digital Readout from Switches & Dials by Roger Garrett
Interf. Age	Ja	p94	a	The F8 Finds A Home As A Peripheral Processor by Russell Fish III
Interf. Age	Mr	p42	a	The Inventor's Sketchpad; A Touch Sensitive Panel by Roger Garrett
Interf. Age	Ap	p54	a	The Inventor's Sketchpad; Cassette Communicator by Roger Garrett
Interf. Age	Jy	p80	a	A Business Applications for the Summagraphics Bit Pad by Marvin Mallon
Interf. Age	D	p46	a	The Inventor's Sketchpad; Spatial Information In Audio Input by Roger Garrett
Kilobaud	F	p28	a	Kilobaud Klassroom No. 16 Computer I/O IV by Peter Stark
Kilobaud	F	p134	a	A Joystick Interface for Your Altair by John Palmer
Kilobaud	Mr	p108	a	Kilobaud Klassroom No. 17 Computer I/O V by Peter Stark
Kilobaud	My	p110	a	An All-in-One Interface (Review of several interface boards) by David Busse
Kilobaud	Jy	p26	a	IC Logic Tester and Parallel I/O Expander by F R Ruckdeschel
Kilobaud	Jy	p60	a	Safe Ports, Protect I/O ports with this bidirectional buffer by Clement Pepper
Kilobaud	Jy	p122	a	An Introduction to Microfilming (One hardcopy method) by Michael Schwartz
Kilobaud	N	p146	a	Build the Output Buffer/Driver by A Fridlund, A Price, & S Fowler
Kilobaud	D	p26	a	A Front Panel Computer for the S-100 Bus (Ithaca Audio DPS-1) by William Stark
Micro	F	p11	a	6502 Interfacing for Beginners: An ASCII Keyboard Input Port by Martin DeJong
Micro	Ag	p17	a	Replace that PIA with a VIA by E Morris
Micro	D	p40	a	Additional I/O Interface for the PET by Kevin Erler
PCW	Jy	p31	a	On the Line: Communications I/O by David Hebditch
Pop. Elec.	Ap	p68	a	Microcomputer I/O Board Buying Directory
Pop. Elec.	Je	p76	a	Microcomputer I/O Board Buying Directory
Pop. Elec.	O	p50	a	How to Add I/O Ports to Microcomputers by Adolph Mangieri
Rec. Comput.	Ja	p42	a	Apple II: Easy I/O Sensing & Control by Chuck Carpenter

INTELLIGENCE, ARTIFICIAL

Byte	Ap	p42	b	Adaptive Information Processing: An Introductory Survey by Jeffrey R Sampson
Byte	Ap	p54	a	Smart Memory Part 1 by Randy C Smith
Byte	Je	p152	a	Artificial Intelligence and Entropy by R M Kiehn
Cr. Comput.	Ag	p46	a	The Controversy Goes On: "Can Computers Think?" Part 1; Background by Peter Kugel
Cr. Comput.	S	p104	a	"Can Computers Think?" Part II, What Is Thinking? by Peter Kugel
Cr. Comput.	O	p78	a	"Can Computers Think?" Part III: Implementation
Cr. Comput.	Ag	p52	a	New Tools in Investment Analysis: Cybernetics & Artificial Intelligence by Jerry Felson
Interf. Age	Ja	p48	a	The Mind Revolution by Merl Miller
Interf. Age	Mr	p40	a	The Mind Revolution; Vision & Artificial Intelligence by Merl Miller
Interf. Age	D	p42	a	The Mind Revolution; Can Computers Think? by Merl Miller & Ed Uecker
PCW	Ap	p45	a	Evolutionary Programming, An Intelligent Answer? by D J Hand
Per. Comput.	Ag	p87	b	Artificial Intelligence: An MIT Perspective
Rec. Comput.	Ja	p8	a	Artificial Intelligence by David Cudhea
Rec. Comput.	Mr	p8	a	Artificial Intelligence, Part 2 by David Cudhea
Rec. Comput.	Ja	p19	a	Vending Machine gets "Brain" by Pete Vansickel

INTERFACES AND BUSSES

Byte	Ja	p54	a	Comments on S-100 Bus Extension by John Walker
Byte	O	p124	a	Interfacing the S-100 Bus With the Intel 8255 by David L Condra
Comp. Des.	O	p123	a	LSI Chips Ease Standard 488 Bus Interfacing (Intel) by Ronald Williams
Dr. Dobbs	Ap	p44	1	SS-50 Bus Better by K Dieter Schaefer
Dr. Dobbs	S	p30	a	A Proposed Standard for a 16 Bit System Data Exchange by Charles B Falconer
EDN	Mr5	p105	a	Simplify IEEE-488 implementation with a multifunction interface by Daniel Levasseur
Elec. Des.	My24	p128	a	Fast LSI arbiters supervise priorities for bus-access in multiproc. syst by Stephen J Durham
Elec. Des.	S 1	p86	a	Versatile memory bus handles mixed memories compatibiltiy (Intel 90) by Robert Papenberg & Mohammad Rydhan

INTERFACES AND BUSSES continued

Elec. Des.	N 22	p144	a	Z-bus & peripheral support packages tie distributed computer systems by John Banning
Electronics	F 1	p132	a	TTL and C-MOS interface unites microprocessor with calculator by Bert K Erickson
Electronics	Ap26	p145	a	LSI streamlines instrument interface with standard IEEE-488 bus by John Pieper & Robert J Grossi
Electronics	Ag2	p136	a	Seperating data from addresses on the 488 bus by Trung Nguyen
Kilobaud	Ap	p52	a	How Important Is Proper Termination? by Craig Anderton
Kilobaud	Ap	p110	a	Terminate Your Troubles (Active Terminator) by Clive Bolton
Kilobaud	My	p58	a	Learn with Me: Analog and Digital Interfaces by Rod Hallen
Kilobaud	My	p82	a	Kilobaud Klassroom No. 18 Processor Connections by Peter Stark
Kilobaud	My	p110	a	An All-in-One Interface (Review of several interface boards) by David Busse
Kilobaud	S	p112	a	Put Your PET on the Bus (BETSI) by Michael Tulloch
Kilobaud	D	p154	a	Extending the Altair Bus by F R Ruckdeschel
PCW	Mr	p30	a	Unraveling the PET IEEE-488 Bus by C Preece
PCW	My	p47	a	On the Line: Communications Inerfaces by David Hebditch
"68" Micro	S	p14	a	6809 SS-50 Bus Alterations and Bus Line Description

KEYBOARDS

Byte	N	p232	a	The Cherry Pro Keyboard by Dan S Parker
Byte	D	p250	a	Thirty Days to a Faster Input by Arthur Armstrong
Comp. Des.	Je	p158	a	Interfacing Fundamentals: Hardware Encoded and Scanned Keyboards by Titus, Titus, Rony & Larsen
Comp. Des.	Jy	p148	a	TTL Circuit Encodes Multiplexed Keyboards Without Strobes by Donald Brodnick
Dig. Design	Ap	p38	a	Capacitance Keyboards: A Look Beyond Microprocessors by Walter Davis
Dig. Design	D	p59	a	Keyboards by Dennis Sullivan
Dr. Dobbs	My	p50	1	Hints for George Risk Keyboard Assembly by J F Sullivan
EDN	Ja20	p65	a	Keyboard assemblies by Earle Dilatush
Elec. Des.	My24	p169	a	Focus on keyboards: The real challenge is interfacing the computer user by Dick Hackmeister
Interf. Age	Mr	p42	a	The Inventor's Sketchpad; A Touch Sensitive Panel by Roger Garrett
Interf. Age	Jy	p80	a	A Business Applications for the Summagraphics Bit Pad by Marvin Mallon
Kilobaud	Jy	p130	a	Another Hexadecimal Keyboard by O C Stafford
Kilobaud	O	p82	a	PET's Keyboard Grows Up by Robert Baker
Kilobaud	O	p134	a	Caps Lock, Not Shift Lock by Michael Dunlavey
Kilobaud	D	p34	a	Lowercase for Your Apple II (Part II) by Don Lancaster
Kilobaud	D	p144	a	Converting Selectric Keyboards from BCD to Correspondence Code by Robert Weil
Micro	F	p11	a	6502 Interfacing for Beginners: An ASCII Keyboard Input Port by Martin DeJong
QST	O	p22	a	A Microprocessor-Based Morse Keyboard by C Eubanks
73	Mr	p90	a	Keyboard Serialization - when parallel isn't enough by R J Bosen
73	My	p86	a	Keyboard Konvenience simplify entry of BASIC programs (Alpha Lock) by Rod Hallen
73	N	p28	a	Microcomputer Interfacing: Keyboards by Titus, Larsen, Rony & Titus

LANGUAGES: GENERAL

Byte	Je	p176	a	Designing a Command Language by G A Van den Bout
Byte	Ag	p6	e	Returning to the Tower of Babel, or..Some Notes About LISP Languages etc by Carl Helmers
Byte	Ag	p34	a	Pattern-Directed Invocation Languages by William A Kornfeld
Byte	S	p165	a	More on Multiple Conditions by Scott Lawrence
Byte	S	p166	a	Data Abstractions and Program Correctness by Earl E McCoy
Byte	O	p192	a	Trees (Poem) by Guy L Steele
Dr. Dobbs	Ag	p44	1	Call For A Common Base Language
Elec. Des.	F 15	p86	a	When no single lang. can do the job, make it a language-family matter by Chris Riggins
PCW	Je	p21	a	Computer Languages, The Multilingual Machine by G J Marshall
PCW	Jy	p20	a	In Which Language should I program my microcomputer? by Martin Beer
Per. Comput.	Mr	p66	a	Computer Languages Quiz by Donald Spencer
Per. Comput.	O	p18	a	Future Computing: On Languages by William Parks

LANGUAGES: APL

Byte	My	p206	a	APL and the Greatest Common Divisor by Bill Claxton
Byte	My	p207	a	APL Aids Instruction by Selby Evans
Byte	My	p227	b	Structured Programming in APL by Dennis P Geller & Daniel P Freedman
Byte	D	p88	a	APL/S: An Alternative by Robert G Brown
Cr. Comput.	F	p20	a	VideoBrain Uses APL/S by Stephen Gray
Cr. Comput.	N	p189	b	APL An Introduction by Howard Peelle
Dr. Dobbs	Ap	p48	b	APL-An Introduction by Howard A Peelle
Interf. Age	O	p121	a	APL for the Z-80 Vanguard's CP/M Version by Alan R Miller
Per. Comput.	O	p50	a	The Computer Glass Box by Howard Peelle

LANGUAGES: BASIC

Byte	Ap	p190	a	BASIC Cross-Reference Table Generator by William & Alice Englander
Byte	Ap	p238	1	Amended BASIC by Robert P BassII
Byte	Ap	p239	1	Pascal versus BASIC: Round 2 Includes FORTRAN by Lawrence C Andrews
Byte	Je	p198	b	The BASIC Handbook: An Encyclopedia of the BASIC Computer Language by David A Lien
Byte	Jy	p6	1	Serious Comments on Amended BASIC by James L Boettler
Byte	S	p154	b	The Little Book of BASIC Style, How to Write a Program You Can Read by John M Nevison
Byte	S	p164	1	Come From...continued by R Lawrence Clark
Compute	Fl	p29	a	A Convenient Method to List Microsoft BASIC Tokens (PET) by Harvey Herman
Cr. Comput.	Ja	p34	b	The BASIC Workbook: Creative Techniques for Beginning Programmers by Kenneth Schoman
Cr. Comput.	Ja	p35	b	Instant BASIC by Jerald Brown
Cr. Comput.	Ja	p74	a	Software Profile: BILF: BASIC Infinite Loop Finder by Jeff Levinsky
Cr. Comput.	F	p34	a	A Useful BASIC Tool: PEEKing and POKEing... by Rod Hallen
Cr. Comput.	F	p66	b	BASIC And The Personal Computer by Thomas Dwyer & Margot Critchfield
Cr. Comput.	Ap	p143	b	The BASIC Handbook: An Encyclopedia of the BASIC Language by David Lien
Cr. Comput.	My	p165	b	A Quick Look at BASIC by Donald Spencer
Cr. Comput.	Je	p86	a	Strings and Things: BASIC string manipulations by J Tom Badgett
Cr. Comput.	S	p48	a	CBASIC- A Review by James McClure
Cr. Comput.	O	p188	b	BASIC for Beginners by Brian Kavanagh
Cr. Comput.	N	p42	a	TRS-80 Level III BASIC by David Bunnell
Dr. Dobbs	Ja	p24	a	PET Basic Renumber by Bill Seiler
Dr. Dobbs	Ja	p47	1	Merging & Pretty Printing (Renumbering) by L Barker
Dr. Dobbs	F	p41	1	Paged Listings in BASIC (Heath) by William Moss
Dr. Dobbs	Mr	p40	a	Label BASIC A BASIC Preprocessor by Sylvan Rubin
Dr. Dobbs	Ap	p37	a	OSI BASIC for the KIM-1 by Jonathan M Prigot
Dr. Dobbs	My	p25	a	Patches to SWTPC BASIC: Change Output Format of Numbers by Robert L Pigford
Dr. Dobbs	Ag	p43	c	Patching SWTPC Co-Resident Editor-Assembler (DDJ #35 p32) by Geoffrey A Gass
Dr. Dobbs	My	p47	b	The BASIC Handbook by David A Lien
Elec. Des.	Mr1	p184	a	BASIC-not only easy to master, unsurpassed for interactive programming by Eric Michelman
Elec. Des.	My24	p138	a	Ease BASIC debugging pains by teaming an interpreter with a line editor by Eric Michelman
Elec. Des.	Je7	p92	a	Basic's full power and versatility emerge with a uC development system by Eric Michelman
Elec. Des.	Jy19	p94	a	Lawrence Livermore Lab's BASIC II aimed right at real time applications by Michael D Maples
Interf. Age	F	p140	a	In-Line Machine Language Subroutines for BASIC Interpreters by John P Newcomer
Interf. Age	Mr	p169	a	Z-80 Patch for MITS Extended BASIC by Alan R Miller
Interf. Age	Ag	p82	b	The BASIC Handbook, An Encyclopedia of the BASIC Computer Language by David A Lien
Interf. Age	Ag	p116	a	CBASIC: A Business-Oriented Language for CP/M by Alan R Miller
Interf. Age	O	p120	b	BASIC for Home Computers--A Self-Teaching Guide by Bob Albrecht, Leroy Finkel & Jerald Brown
Interf. Age	D	p52	b	Microsoft BASIC by Ken Knecht
Kilobaud	F	p16	b	BASIC Language Manual by C William Gear
Kilobaud	Mr	p14	b	The BASIC Handbook by David Lien
Kilobaud	Mr	p140	b	Heathkit's BASIC Programming Course by Heath
Kilobaud	My	p80	a	Prettyprinting with Microsoft BASIC by Wallace Kendall
Kilobaud	Je	p14	b	The Little Book of BASIC Style by John M Nevison
Kilobaud	Je	p92	a	Data Files for Processor Tech 5K BASIC by John Stanton
Kilobaud	Jy	p12	b	The User's Guide to North Star BASIC by Robert Rogers
Kilobaud	Ag	p14	b	BASIC Programming for Scientists and Engineers by Wilbur Hubin
Micro	My	p41	a	The Integer BASIC Token System in the Apple II by Frank Kirschner
Micro	Jy	p7	a	Structured BASIC Editor and Pre-processor by Robert Abrahamson
Micro	Ag	p20	a	Tokens, (Microsoft BASIC) by E Morris
Micro	N	p9	a	Some Useful Memory Locations and Subroutines for OSI BASIC in ROM by S R Murphy
onComputing	Su	p48	b	BASIC and the Personal Computer by Thomas Dwyer & Margot Critchfield
onComputing	Fl	p23	a	The Computer Language BASIC by W D Maurer
onComputing	W	p32	b	The Little Book of BASIC Style by John Nevison
onComputing	W	p58	b	A Short List of Books About the BASIC Language (23 Books) by W B Agocs
PCW	Mr	p61	b	BASIC for Beginners by Brian Kavanagh
Per. Comput.	Ja	p35	a	8K BASIC in PROM for 6800 Systems (SWTP BASIC Ver2.0) by Samuel Green
Per. Comput.	Ja	p82	b	BASIC From the Ground Up by David E Simon
Per. Comput.	Ja	p83	b	The User's Guide to North Star BASIC by Robert Rogers
Per. Comput.	F	p17	a	BASIC with Style by John Nevison
Per. Comput.	Je	p89	b	The BASIC Handbook by David Lien
Radio Elec.	O	p130	a	Assembly or BASIC, Which Programming language is best? by P Rony, J Titus, D Larsen & C Ttius

LANGUAGES: BASIC continued

Rec. Comput.	Mr	p51	a	The Dragon is Upset; BASIC vs PASCAL
Rec. Comput.	My	p14	a	Round 2: BASIC vs PASCAL vs BASIC by S Raven-Jensen
Rec. Comput.	S	p28	a	Round 3: PASCAL Coolly Counters by David Mundie
Rec. Comput.	S	p51	a	BASIC Master Command List
Rec. Comput.	S	p53	a	Spanish BASIC by Jim Day
"68" Micro	Jy	p31	a	Microsoft's G2 Standard BASIC (Review) by Chuck Adams
"68" Micro	Jy	p35	a	Software Dynamic's BASIC Compiler by William Fisher
"68" Micro	Ag	p17	a	SWTPC BASIC to FLEX DOS Interface Command (Assembled with listing)
"68" Micro	Ag	p28	a	Sphere Still Here? Print Using for CSS BASIC by Jeff Brownstein
"68" Micro	O	p20	a	Microware ABASIC Compiler, Review
"68" Micro	O	p36	a	Expanded CMDS.CCS BASIC by Jeffery Brownstein
80-U.S.	Ja	p39	b	The BASIC Handbook by David Lien
80-U.S.	S	p38	a	How the Level II Interpreter Sees It by Dick Straw
80-U.S.	S	p42	a	A Note on Level II BASIC
80-U.S.	N	p23	a	Notes on BASIC (TRS-80) by T R Dettmann
80-U.S.	N	p58	a	Software Review: G2's Level III BASIC by T Dettmann

LANGUAGES: FORTRAN

Byte	Ap	p239	1	Pascal versus BASIC: Round 2 Includes FORTRAN by Lawrence C Andrews
Cr. Comput.	Ja	p62	a	How Good Is Microsoft's FORTRAN-80? by Douglas Hogg
Cr. Comput.	Je	p156	b	5 Books about FORTRAN Reviewed by Stephen Gray
Dr. Dobbs	N	p61	b	Programming in FORTRAN by Carol Reedy Clark
Elec. Des.	S 13	p126	a	Modernized FORTRAN combines powerful I/O with a structure for engr. by Christine E Dickson
Elec. Des.	N 22	p194	a	Solve number-crunching problems with modernized FORTRAN programs by Christine E Dickson
Interf. Age	Mr	p172	a	Microsoft FORTRAN for CP/M by Alan R Miller
PCW	Je	p47	b	A FORTRAN Coloring Book by Roger E Kaufman
80-U.S.	Mr	p13	a	Now The TRS-80 Has FORTRAN by T R Dettmann
80-U.S.	My	p42	a	TRS-80 FORTRAN, an evaluation by T Dettmann

LANGUAGES: LISP

Byte	Mr	p6	e	Don't Overlook LISP by John R Allen
Byte	Ag	p6	e	Returning to the Tower of Babel, or..Some Notes About LISP Languages etc by Carl Helmers
Byte	Ag	p10	a	An Overview of LISP by John Allen
Byte	Ag	p18	a	LISP Based Systems for Education by J Laubsch, G Fischer & H D Bocker
Byte	Ag	p26	a	The Lambdino Storage Management System by Gianfranco Prini & Martin Rudalics
Byte	Ag	p34	a	Pattern-Directed Invocation Languages by William A Kornfeld
Byte	Ag	p62	a	LISP Notes by John Allen
Byte	Ag	p132	a	The Design of an M6800 LISP Interpreter by S Tucker Taft
Byte	Ag	p162	a	A Mathematician's View of LISP by Vaughan R Pratt
Byte	Ag	p176	a	LISP Based Symbolic Math Systems by David R Stoutemyer
Byte	Ag	p206	a	LISP Applications in Boolean Logic by Richard Weyhrauch & Henson Graves
Dr. Dobbs	F	p42	1	A Portable LISP Interpreter by Mike Gabrielson
Dr. Dobbs	Je	p47	1	Followup on LISP Interpreter by Darrel J VanBuer
Dr. Dobbs	S	p19	a	A Potpourri of Utility Functions for LISP by Paul Tarvydas

LANGUAGES: PASCAL

Byte	Ja	p6	e	A Short Note on PASCAL Progress and Other Topics by Carl Helmers
Byte	Ap	p239	1	PASCAL versus BASIC: Round 2 Includes FORTRAN by Lawrence C Andrews
Byte	Ap	p243	1	Some Contrary Opinion (PASCAL) by Peter D Robertson
Byte	Je	p201	b	Structured Programming and Problem Solving with PASCAL by Richard B Kieburtz
Cr. Comput.	F	p76	a	Microcomputer made for PASCAL by John Posa
Cr. Comput.	F	p113	a	PASCAL becomes software superstar by John Posa
Dr. Dobbs	F	p29	a	PASCAL Bibliography by Mike Gabrielson
Dr. Dobbs	Ap	p26	a	Bringing Up UCSD PASCAL without CP/M by Mike Gabrielson
Dr. Dobbs	N	p60	b	PASCAL, An Introduction to Methodical Programming by W Findlay
EDN	Ap5	p79	a	PASCAL by Jack Hemenway & Edward Teja
Electronics	Je7	p111	a	Language extensions, utilities boost PASCAL's performance Part I by Roger R Bate & Douglas S Johnson
Electronics	Je7	p117	a	PASCAL software supports real-time multiprogramming on small systems by Roger R Bate & Douglas S Johnson
Interf. Age	My	p52	a	Business Editorial: PASCAL is Here to Stay by James Merritt
Interf. Age	Je	p106	a	The PASCAL Notebook Chapter 1 by Henry Davis
Interf. Age	Jy	p97	a	The PASCAL Notebook Chapter 2 by Henry Davis
Interf. Age	Ag	p85	a	The PASCAL Notebook Chapter 3 by Henry Davis
Interf. Age	O	p88	a	The PASCAL Notebook Chapter 4 by Henry Davis
Interf. Age	N	p148	a	The PASCAL Notebook Chapter 4 by Henry Davis
Interf. Age	D	p116	a	The PASCAL Notebook Chapter 6 by Henry Davis

LANGUAGES: PASCAL continued

Kilobaud	O	p9	b	Programming in PASCAL by Peter Grogono
PCW	S	p54	a	The Complete PASCAL, Chapter 1: Why PASCAL? by Sue Eisenbach
PCW	O	p74	a	The Complete PASCAL Part 2: Fundmentals: Action and Data by Sue Eisenbach
PCW	N	p72	a	The Complete PASCAL Part 3 Control Structures: 1. Loops by Sue Eisenbach
PCW	D	p52	a	PASCAL Part 4: Data Structures: 1 Simple Data Types, Arrays and Sets by Sue Eisenbach
Rec. Comput.	Mr	p51	a	The Dragon is Upset; BASIC vs PASCAL
Rec. Comput.	My	p14	a	Round 2: BASIC vs PASCAL vs BASIC by S Raven-Jensen
Rec. Comput.	S	p28	a	Round 3: PASCAL Coolly Counters by David Mundie
"68" Micro	N	p14	a	PASCAL review by Dale Puckett

LANGUAGES: PILOT

Calc. Comp.	Ja	p50	a	PILOT: A Programming Language for Beginners by Rita May Liff & Keith Vann
Compute	Fl	p40	a	Flying With PET PILOT: Kids and Microcomputers At Peninsula School by Katie Thornburg & David Thornburg
Cr. Comput.	My	p93	a	Everyone's Language: PILOT by Phil Wilkinson
Cr. Comput.	N	p88	a	A Touch of MUMPS (PILOT) by Joan Zimmerman
Dr. Dobbs	N	p4	a	Some Improvements on 8080 PILOT by Tim Scully
Interf. Age	O	p135	a	SWTPC's New PILOT by Jim Schreier
Kilobaud	Jy	p78	a	1802 PILOT by R W Petty
Micro	S	p41	a	Tiny PILOT: An Educational Language for the 6502 by Nicholas Vrtis
Rec. Comput.	My	p28	a	PILOT For the Apple II an extended Micro-Pilot interpreter by Chuck Carpenter
Rec. Comput.	S	p24	a	An Apple PILOT Interpreter by Arthur Wells

LANGUAGES: TINY

Byte	My	p110	a	Spacewar in Tiny BASIC, Navigating Through Integer BASIC by David J Beard
Byte	Jy	p174	a	"Tiny" Pascal in 8080 Assembly Language by Dr G Louis
Byte	Jy	p198	a	Mouse, A Language for Microcomputers by Peter Grogono
Byte	Jy	p231	a	A "Tiny" Pascal Source Creator by Thomas W Phillips
Byte	D	p196	a	A User's Look at Tiny-c by Christopher O Kern
Cr. Comput.	S	p162	a	The "TINY" Interpreter Exercises by Philip Tubb
Dr. Dobbs	F	p41	1	Review of Tiny-C Owner's Manual by Ted Shapin
Dr. Dobbs	Mr	p15	a	CONVPATB (Tiny BASIC Files to ASCII Format) by Paul Holliday
Dr. Dobbs	Ap	p47	1	Search in SMAL/80 by Morris Krieger
Dr. Dobbs	My	p37	a	Tiny-C Interpreter On CDOS by Ray Duncan
Dr. Dobbs	S	p39	c	Correction to Tiny C (Dr. Dobbs May '79)
Dr. Dobbs	Je	p37	a	Growing Pruning & Climbing Binary Trees with Tiny-C by Les Hancock
Dr. Dobbs	O	p4	a	Tiny BASIC for the F8 by Jerry D Fox
Per. Comput.	Mr	p20	a	Tiny BASIC and COSMAC by Tom Pittman
"68" Micro	N	p10	a	Tiny BASIC Renumber by N Thompson

LANGUAGES: OTHER

Byte	Ja	p74	a	An Exposure to MUMPS by David D Sherertz
Byte	Ja	p116	a	An Introduction to BNF by W D Maurer
Byte	Ja	p146	a	IPS, An Unorthodox High Level Language by Karl Meinzer
Byte	Mr	p6	e	Don't Overlook LISP by John R Allen
Byte	Je	p216	a	Comments on "A High Level Languages for 8 Bit Machines" by Glen Newton
Byte	Je	p220	a	SNOBOL Conquers All? by Bruce Burns
Byte	O	p174	a	And Its Interest SNOBOLs by Stefan M Silverston
Byte	N	p248	a	SNOBOL Commentary by Jonathan Sachs
Comp. Des.	Je	p140	a	High Level Design language Develops Low Level uP-Independent Software by D B Wecker, R L Kurtz & D T Tuma
Cr. Comput.	Ja	p34	b	COLBOL for Students by Andrew Parkin
Cr. Comput.	Ja	p35	b	Minimum COBOL by CBEMA
Dr. Dobbs	O	p46	b	COBOL: An Introduction to Structured Logic and Modular Program Design by William S Davis & Richard H Fisher
Cr. Comput.	Jy	p82	a	A New Era in Math: Part I, MATH 78, Language Capabilities by Albert Rich & David Stoutmeyer
Cr. Comput.	Ag	p74	a	Math 78 Part II Internal Operators by Albert Rich & David Stoutmeyer
Cr. Comput.	S	p162	a	The "TINY" Interpreter Exercises by Philip Tubb
Cr. Comput.	D	p82	a	LOGO: A Computerized Language for Children by Daniel Watt
Dig. Design	F	p28	a	Choosing a Higher Level Language for uP Developement Systems by Roger Hokanson
Dr. Dobbs	Ja	p16	a	SAM76 Language Update No.4-August 1978 by Ancelme Roichel
Dr. Dobbs	Ja	p28	a	SAM76 Utility Function (and a script called Monkeys) by Claude Kagen
Rec. Comput.	Ja	p51	b	SAM76: the first LANGUAGE manual by SAM 76
Rec. Comput.	Mr	p22	a	Beastiary From Sam76 Book of Beasts by Charles Ehrlich & Joseph Tulloch
Dr. Dobbs	Ja	p45	1	Forth Versus Assembly by Richard B Main
Electronics	Mr15	p114	a	Forth's forte is tighter programming by Stephen M Hicks
Dr. Dobbs	F	p39	1	STRUBAL+ by Robert D Grappel
Dr. Dobbs	F	p42	1	A Portable LISP Interpreter by Mike Gabrielson

LANGUAGES: OTHER continued

Dr. Dobbs	Je	p47	1	Followup on LISP Interpreter by Darrel J Vanßuer
Dr. Dobbs	N	p20	a	North Star Disk STOIC an Introduction by R W Lee
Dr. Dobbs	N	p26	a	DAL: Data Acquisition Language by Gregg Marshall
Elec. Des.	S 13	p102	a	MDL/u-A new language for effective uP software development by Dennis Schnabel
Electronics	Ja18	p105	a	Programming Microcomputer Systems with High-Level Languages by John G Posa
Electronics	F 1	p121	a	Using assembly coding to optimize high-level language programs by Pat Caudill
Kilobaud	F	p24	a	A Block-Structured Language for Microcomputers (XPLO) by Larry Fish
Rec. Comput.	Jy	p28	a	The Forte Music Programming Language by Jim Day

LOGIC CIRCUITS AND FUNDAMENTALS

Byte	Ag	p206	a	LISP Applications in Boolean Logic by Richard Weyhrauch & Henson Graves
Cr. Comput.	Mr	p66	a	A Different Teaching Aid: The Border Logic Trainer by John Craig
Electronics	Jy19	p132	a	Sequencers and arrays transform truth tables into working systems by Napoleone Cavlan & Stephen J Durham
Ham Radio	Ja	p76	a	Digital Techniques: Basic Rules and Gates by Leonard Anderson
Ham Radio	F	p66	a	Digital Techniques: Gate Structure and Logic Families by Leonard Anderson
Ham Radio	Mr	p82	a	Digital Techniques: Digital Circuits--Propatation Delay and Flip Flops by Leonard Anderson
Ham Radio	Ap	p86	a	Digital Techniques: Flip Flop Internal Structures by Leonard Anderson
Ham Radio	Je	p78	a	Digital Techniques: Multivibrators and Analog Input Interfacing by Leonard Anderson
Ham Radio	Ag	p66	a	Digital Techniques: Counters and Weights by Leonard Anderson
Ham Radio	S	p72	a	Digital Techniques: Down Counters by Leonard Anderson
Ham Radio	O	p72	a	Digital Techniques: Gate Arrays for Pattern Generation by Leonard Anderson
Interf. Age	Ap	p82	a	NTS-Mini Series: Logic & Number Systems by Walter Stephens
Interf. Age	My	p108	a	NTS-Mini Series: Logic Fundamentals by Walter F Stephens
Interf. Age	Je	p111	a	NTS-Mini Series: Logic Fundamentals by Walter F Stephens
Interf. Age	Jy	p106	a	NTS-Mini Series: Logic Fundamentals by Walter F Stephens
Kilobaud	Ap	p12	b	Digital Computer Logic and Electronics by C P Gane & A W Unwin
Kilobaud	Ag	p12	b	Digital Design with Standard MSI and LSI by Thomas Blakeslee
Kilobaud	Ag	p16	b	Master Handbook of Digital Logic Applications by William Hunter
Kilobaud	S	p12	b	Digital Concepts Using Standard Integrated Circuits by Richard Sandige
Kilobaud	S	p120	a	The Best of Both Worlds, Heath ET-3400 by Ron Dilpiaz
Kilobaud	O	p14	b	Logic--Home Study Course by Milton Howard Aronson
Micro	Jy	p23	a	Boolean Equations Reduced on the PET by Alan Christensen
onComputing	Su	p20	a	The Binary World by Russell Reiss
Radio Elec.	Ja	p47	a	How to Design Digital Circuits by Jerry Woolsey
80-U.S.	Ja	p13	a	View from the Top of the Stack, Boolean Algebra by T Rosenbaum

MATH, GENERAL

Byte	Ja	p53	c	Correction for: Functional Approximations (Byte Nov. '78 p38) by F R Ruckdeschel
Byte	Ja	p53	c	Correction for: Linear Circuit Analysis (Byte Oct. '78 p102) by D M Graham
Byte	Ja	p182	a	Elements of Statistical Computation by Alan B Forsythe
Byte	F	p108	a	Fast Fourier for the 6800 by Richard H Lord
Byte	F	p154	a	Unlimited Precision Division by Jef Raskin
Byte	Mr	p92	a	Inverse Trig Functions by Alan R Miller
Byte	Je	p133	c	Correction for Inverse Trig Functions (Byte Mar '79 p 92) by John A Ball
Byte	Ap	p46	a	Sources of Numerical Error by Daniel R Buskirk
Byte	Ap	p132	a	Queuing Theory, the Science of Wait Control Part 1: Queue Representation by Len Gorney
Byte	Ap	p170	a	An Easy Way to Calculate Sines and Cosines by Robert Grappel
Byte	My	p184	a	Trigonometry in Two Easy Black Boxes by John A Ball
Byte	My	p205	c	Correction for FFT on Your Home Computer (Byte Dec '78 p14) by Dana Tremblay
Byte	My	p210	a	Periodic Answers by Mark Zimmerman
Byte	Je	p188	a	Approximation Makes a Magnitude of Difference by Bob Leedom
Byte	Je	p206	a	BASIC Factorials by Alan R Miller
Byte	Je	p234	a	Three Types of Pseudorandom Sequences by C Brian Honess
Byte	O	p209	c	Correction for 3-Types of Pseudorandom Sequences (Byte Jun '79 p234)
Byte	Ag	p126	b	Permutation Bibliography by Eduardo Kellerman
Byte	Ag	p176	a	LISP Based Symbolic Math Systems by David R Stoutemyer
Byte	Ag	p220	a	An Overview of Long Division by Geoffrey Gass
Byte	O	p150	a	Curve Fitting with Your Computer by Fred R Ruckdeschel
Byte	D	p10	a	Frequency Analysis of Data Using a Microcomputer by F R Ruckdeshel
Byte	D	p120	a	Analysis of Polynomial Functions with the TI-59 Calculator by Pierre Chance'
Byte	D	p134	a	Minimizing Curve-Plotting Calculation by Timothy G Bowker
Byte	D	p144	a	Noniterative Digital Solution of Linear Transfer Functions by Bryan Finlay
Calc. Comp.	Ja	p20	a	Computer Supplemented Calculus by Kendell Hyde & David Tolman
Cr. Comput.	F	p110	a	An Analysis of Change: Differential Equations by Bruce Barnett
Cr. Comput.	F	p126	a	Multiple Regression Analysis- Simplified (TRS-80) by David Chereb

MATH, GENERAL continued

Cr. Comput.	Mr	p112	a	Pascal's Triangle: What's It All About? by Jordan Mechner
Cr. Comput.	Mr	p122	a	Individual Graphing of Mathematical Functions by Dougas Schiffer
Cr. Comput.	Je	p36	a	PI to 8182 Places by Steve Rogowski
Cr. Comput.	Jy	p82	a	A New Era in Math: Part I, MATH 78, Language Capabilities by Albert Rich & David Stoutmeyer
Cr. Comput.	Ag	p74	a	Math 78 Part II Internal Operators by Albert Rich & David Stoutmeyer
Cr. Comput.	Ag	p82	a	Accuracy Plus: Multiprecision by Bruce Barnett
Cr. Comput.	Ag	p100	a	Circular Functions
Cr. Comput.	Ag	p106	a	Translating Two-Dimensional Arrays for Integer BASIC's by Ned Rhodes
Cr. Comput.	Ag	p110	a	Double Precision: Does Your BASIC Have It? Now It Can by Delmar Hinrichs
Cr. Comput.	O	p116	a	Trigonometric Functions and Tchebychev Approximations
Cr. Comput.	N	p140	a	Prime Factors (Program) by J Jeffery
Cr. Comput.	D	p92	a	Sine Polys: Some Geometrical Explorations by Neil Rowe
Cr. Comput.	D	p118	a	Inverse Circular Functions
Dr. Dobbs	Ja	p14	a	TUFIVE: An Improvement on Hexadecimal by Keneth A Simons
Dr. Dobbs	Ja	p23	a	The Mystery of Ackermann's Function by Mike Gabrielson
Dr. Dobbs	Mr	p4	a	Falconer Floating Point Arithmetic by Charles B Falconer
Dr. Dobbs	Ap	p16	a	Falconer Floating Point Arithmetic Part II by Charles B Falconer
Dr. Dobbs	My	p48	l	Goodbye to Ackermann's Function by Robert Grappel
Dr. Dobbs	Je	p4	a	Discovering the 26th Prime by Curt Noll
Dr. Dobbs	Je	p45	a	Further Thoughts on Ackermann's Function by LLoyd Rice
Dr. Dobbs	Je	p55	a	The Largest Known Prime 2**23209-1
Dr. Dobbs	Ag	p10	a	What's An Ackermann and How Does It Function? by Charles Wetherell
Dr. Dobbs	N	p33	a	Complex Pseudorandom Sequences from Interlaced Simple Generators by H T Gordon
Interf. Age	F	p6	l	Alan Miller Solves A Problem (Curve Fitting in BASIC) by Alan Miller
Interf. Age	F	p41	a	The Micro-Mathematician, Program ARCTAN by Alfred Adler
Interf. Age	Ap	p40	a	The Micro-Mathmetician; Factorials and Hyperbolic Functions by Alfred Adler
Interf. Age	My	p39	a	The Micro-Mathematician: Complex Numbers by Alfred Adler
Interf. Age	My	p147	a	A Simplified Method of Binary Number Subtraction by S Leon Felkins
Interf. Age	Je	p87	a	Interfacing A Numerical Processor Chip to the TRS-80 (AM-9511) by James E Randall
Interf. Age	O	p39	a	The Micro-Mathematician; Factorials Revisited by Alfred Adler
Interf. Age	N	p30	a	The Micro-Mathematician: Matrix Inversion by Alfred Adler
Interf. Age	D	p37	a	The Micro-Mathematician: Solutions of Trancendental Equations by Alfred Adler
Kilobaud	Je	p97	a	Calculating Pi... The Leibnitz Method by E M McCormick
Kilobaud	Jy	p64	a	Randomness Is More Than It Seems by John R Cameron
Kilobaud	S	p38	a	The MM57109 Number Cruncher by Larry Bregoli
Micro	F	p8	a	The Sieve of Erastoshenes (Prime Number Program) by Gary Bullard
Micro	N	p30	a	Performing Math Functions in Machine Language by Alfred Bruery
Per. Comput.	Ja	p41	a	Log Functions in BASIC by Laurence Dishman
Rec. Comput.	Jy	p51	a	MATH by Tony Pola
"68" Micro	Mr	p4	a	Crunchers Corner: Multiple Precision Arithmetic by Jack Bryant
"68" Micro	Mr	p6	a	Integer Arithmetic Package v 1.0 (6800 Listing) by Jack Bryant
"68" Micro	My	p9	a	An Integer Arithmetic Package by Jack Bryant
"68" Micro	My	p12	a	BASIC Software--SWTPC 8k BASIC ARC-COSINE and ARC-SINE Subroutines by David Eagle
"68" Micro	Jy	p8	a	Integer Arithmetic Package v 3.0 (Listing for 6800) by Jack Bryant

MATH, PROBLEMS AND PUZZLES

Byte	F	p132	a	Patching the Eight Queens by Paul J Kosicki
Byte	My	p216	a	Puzzling Rotation by Ken Barbier
Byte	Je	p36	a	Simple Maze Traversal Algorithms by Sandra & Stephen Allen
Byte	O	p175	a	Tic-Tac-Tactics by John C Miller
Byte	N	p26	a	Solving Soma Cube & Polyomino Puzzles Using a Microcomputer by Douglas A Macdonald & Yekta Gursel
Cr. Comput.	Ap	p94	a	Puzzles & Problems
Cr. Comput.	My	p165	b	60 Challenging Problems with BASIC Solutions by Donald Spencer
Dr. Dobbs	Ja	p4	a	Programming Pastimes & Pleasures by Charles Wetherell
Dr. Dobbs	Je	p44	a	Programming Pastimes and Pleasures by Charles Wetherell
Kilobaud	Ap	p115	a	Two Diamonds by William L Colsher
Per. Comput.	Ag	p30	a	Puzzleer, Using Tree-Searching and Evaluation Techniques in Prob Solving by David Stockburger
Rec. Comput.	Ja	p50	b	3-Dimensional Monster Mazes by Larry Evans
Rec. Comput.	Jy	p8	a	Cryptarithms by John Davenport
Rec. Comput.	Jy	p27	a	Newett Awl and the Goat Part I: The Problem by Gordon French
Rec. Comput.	S	p38	a	Newett Awl and the Goat Part II: The Solution by Gordon French
Rec. Comput.	N	p54	a	Newett Awl's Goat Once Again by Brian Yanny
Rec. Comput.	S	p22	a	Cryptarithms by John Davenport Crehore
Rec. Comput.	N	p22	a	Cryptarithms by John Davenport Crehore
Rec. Comput.	N	p34	a	TRS-80: Tower of Hanoi by Herbert Dershem

MEDICAL APPLICATIONS

Byte	F	p55	b	Computers in Laboratory Medicine by Derek Enlander
Byte	Je	p49	a	Mind Over Matter, Add Biofeedback Input to Your Computer by Steve Ciarcia
Cr. Comput.	Ja	p92	a	Medical Audit Time! TRS-80 Program for Hospitals by Charles Hemminger & Joseph Tarantino
Cr. Comput.	Je	p82	a	Microcomputer Feasibility In the Hospital Setting by Robert Goff
Cr. Comput.	D	p54	a	Computerized Biofeedback & Stress Management by Tim Scully
Interf. Age	Ja	p34	a	Micro Medicine by Wm V Weiss
Interf. Age	F	p32	a	Micro Medicine; Automated Medical History Acquisition by Wm V Weiss
Interf. Age	Mr	p31	a	Micro Medicine; Automated Multiphasic Health Testing (AMHT) by Wm V Weiss
Interf. Age	Ap	p36	a	Micro Medicine; Computerized Medical Practice--COSTAR by Wm V Weiss
Interf. Age	Ap	p76	a	GA: I Hear You by Carl Warren
Interf. Age	My	p37	a	Micro Medicine, by Wm V Weiss
Interf. Age	Je	p32	a	Micro Medicine: Spinal problems by Wm V Weiss
Interf. Age	Jy	p26	a	Micro Medicine, Computer Aided Medical Instructon by Wm V Weiss
Interf. Age	Jy	p40	a	The Inventor's Sketchpad; Automatic Vision Tester by Roger Garrett
Interf. Age	Ag	p24	a	Micro Medicine by Wm V Weiss
Interf. Age	Ag	p31	a	The Inventor's Sketchpad; Hearing for the Deaf by Roger Garrett
Interf. Age	Ag	p40	a	The Handicapped Byte Back, Computerized Wheelchairs Helps Communications by Terry Costlow
Interf. Age	Ag	p44	a	Technology Extends the Capabilities of the Deaf and Blind by Betsy Gilbert
Interf. Age	N	p61	a	The Pathology Bookkeeper by Jon R Lindsay
Kilobaud	Mr	p134	a	Sleep Better with a Microcomputer by Phil Wilkinson
Kilobaud	S	p136	a	Adult Caloric Requirements in Xitan BASIC by John Cameron
Kilobaud	N	p156	a	Weight-Watching Special by Margot Critchfield & Tom Dwyer
PCW	Ja	p41	a	Give Him A Mickie by Hugh Price
PCW	Ag	p21	a	PCW Case Study, Apple Medical Application
Per. Comput.	My	p20	a	Your Family Health Plan by Keith Jones
Per. Comput.	Jy	p28	a	Filing Medical Records by William Walker
Radio Elec.	Jy	p35	a	Heart Rate Monitor by Mark Worley
80-U.S.	My	p14	a	Which Brain? by G B Livingston

MEMORY: BUBBLE

Byte	Je	p166	a	Bubble Memories, A Short Tutorial by A I Halsema
Comp. Des.	Ap	p168	a	Operation of a Block Replicate Bubble Memory System by Gerald Cox
Dig. Design	N	p46	a	Getting Started In Bubble Memories by Phil Spiegel
EDN	Ag5	p87	a	Ease bubble-system design with a few basic guidelines by Dave Lee & Phil Spiegel
EDN	Ag20	p81	a	Technology update: Magnetic-bubble memories by William Twaddell
Elec. Des.	My10	p54	a	Bubble memories are bursting out with huge densities in small packages by David Bursky
Elec. Des.	My24	p112	a	As Bubble density approaches 1 Mbit material, packaging problems mount by Peter George
Elec. Des.	N 22	p155	a	Bubbles--more capacity, components
Elec. Des.	N 22	p156	a	Building bubble-memory systems becomes a 'family' affair with TIB1000 by Gerald Cox
Elec. Des.	N 22	p166	a	Build compact bubble memory systems with just 5 LSI support circuits by George Reyling & Peter George
Elec. Des.	N 22	p172	a	Serial or major/minor loop? Choose the bubble memory for the appl. by George Neeno
Elec. Des.	N 22	p178	a	LSI support circuits take the trouble out of designing bubble systems by Don Bryson
Elec. Des.	N 22	p186	a	Off-the-shelf discrete components give custom perf. in bubble memories by Paul Swanson
Electronics	Mr29	p99	a	Megabit bubble modules move in on mass storage by William C Mavity
Electronics	Ap26	p105	a	Megabit bubble-memory chip gets support from LSI family by Don Bryson, Dick Clover & Dave Lee
Electronics	Ag2	p99	a	Bubble memories come to the boil by P K George & G Reyling
Electronics	N 8	p123	a	Trio of dense bubble memories has large supporting cast by Gerald Cox
Kilobaud	N	p38	a	What's New in Memory (Magnetic Bubbles) by David Zacks
Pop. Elec.	F	p74	a	A New Approach to Data Storage: Bubble Memories by Leslie Solomon
Pop. Elec.	D	p92	a	Computer Bits: New Developments in Bubble Memories by Leslie Solomon

MEMORY: DISKS, FLOPPY AND HARD

Byte	O	p76	a	Picking Up the Pieces by Alfred S Baker
Byte	O	p100	a	IBM Compatible Disk Drives by Jefferson H Harmon
Compute	F1	p61	a	The APPLE Gazette: Corvus 11A Disc Drive by Michael Tulloch
Compute	F1	p93	a	Using Direct Access Files with the Commodore 2040 Dual Disk Drive by Chuck Stewart

MEMORY: DISKS, FLOPPY AND HARD continued

Cr. Comput.	F	p24	a	Technology Marches On: Thinker Toys' Floppy Disk System by Dick Whipple
Cr. Comput.	Mr	p22	a	Equip. Profile: Disk Systems for TRS-80 Computers by Ken Knecht
Cr. Comput.	S	p42	a	The Heath H17 Disk System by Donald Skiff
Dig. Design	Mr	p22	a	Alternatives Abound when Assembling Flexible Disk Systems by Woody Floyd
Dig. Design	Jy	p46	a	A Guide to Flexible Disk Drive Selection by Robert Erdman
Dig. Design	Ag	p18	a	System Designer's Guide to 8-inch Hard Disk Drives by Paul Snigier
Dig. Design	D	p62	a	Floppy Disk Drives by Gary Goodman
Dr. Dobbs	Mr	p24	a	QUOLST (Sector availability program) by Gary Gaugler
Dr. Dobbs	Ap	p35	a	A Disk for Frits by Pac Dale Puckett
Dr. Dobbs	Ap	p41	a	Product Evaluation: PERCOM LFD-400 by Douglas Beck
Dr. Dobbs	Ag	p28	a	Diskette Copying on Intel Single Density DOS by Bill Collis
Dr. Dobbs	Ag	p39	1	More On Frits' Disk by Dale L Puckett
EDN	Mr20	p125	a	Floppy-disc controller design requires attention to detail by Carol Ogdin
Elec. Des.	F 15	p72	a	Rely on a floppy-disc controller IC to handle 'any desity' floppy uPD765 by Richard Weiner
Elec. Des.	My24	p154	a	Controlling small floppies with LSI eases design-yet challenges remain by John Hoeppner
Elec. Des.	S 13	p70	a	Winchester technology invades floppy territory with low-cost 8-in. drive by Len Yencharis
Elec. Des.	O 11	p62	a	A dual-head, double density floppy , reliable head & controller (Remex) by Woody Floyd & Gary Schratz
Elec. Des.	O 25	p42	a	Special Report, Micro/mini storage peripherals driven by disk, tape adv.
Elec. Des.	O 25	p56	a	New-look floppies keeping pace
Elec. Des.	O 25	p76	a	Simplify sys des. with a single controller for Winchester/floppy combo by M Thomas Makmann
Elec. Des.	O 25	p84	a	Save & restore Winchester data with streaming cartridge tape drive by William Valliant
Elec. Des.	D 20	p66	a	Micromachine: fast enough for Winchester, but adaptable to many interf. by Brewster Porcella
Electronics	Je7	p147	a	Sharing floppy-disk bank increases processor's efficiency by P W Dandekar
Electronics	Je21	p83	a	8-inch hard disks set to go by Anthony Durniak
Electronics	S 13	p131	a	Pattern generator simulates double-density disk data by Curt Terwilliger
Electronics	S 27	p127	a	Low-cost mmfm decoder reduces floppy bit-shift by Vikram Karmarkar
Interf. Age	My	p123	a	Double Density Recording on Floppy Disks, A Comparison of Techniques by Jefferson Harman
Interf. Age	My	p130	a	Maximizing the DP Effort: The ICOM 4511 10-Megabyte Hard Disk System by Tom Fox
Interf. Age	O	p105	a	Storage Technology: Solving 50% of a Problem by Carl Warren
Kilobaud	F	p56	a	Disk Power! (Which Disk for You, Helios) by Ronald Parsons
Kilobaud	F	p80	a	Percom's LFD-400 Floppy Disk System by Robert Wier
Kilobaud	Ap	p30	a	Heath H-8 Disk System by Ron Rocheleau
Kilobaud	Ap	p74	a	Floppy Disk System from Tarbell by Ron Burris
Kilobaud	My	p90	a	MDOS, Micropolis Disk System by Helmar Herman
Kilobaud	S	p56	a	Interfacing SOL with a Vista Disk by Fr Thomas McGahee
Kilobaud	N	p86	a	Thoughts on the SWTP Computer System (Look at the Percom Disk System) by Phillip Schuman & Peter Stark
Kilobaud	N	p96	a	Discus I Disk Jockey and ATE by Rod Hallen
Kilobaud	N	p152	a	Micropolis Disk Drives (Review) by Thom Hogan
Kilobaud	D	p142	a	A Big Switch for the H17 by Gerald Hale
PCW	N	p92	a	Hard Times, Winchester discs-secure or not?
Per. Comput.	Mr	p74	a	Connecting The Disk, Part I: How Disks Work by Rodney Zaks
Per. Comput.	Ap	p56	a	Connecting The Disk, Part II: "Interfacing" by Rodnay Zaks
Per. Comput.	Je	p76	a	Doubling Space on Single-Sided Disks by Rodney Wright
Radio Elec.	Mr	p57	a	All About Floppys by Karl Savon
Radio Elec.	My	p24	a	Equipment Report: Heath Model H17 Floppy Disc System
Radio Elec.	Ag	p26	a	Equipment Report: Apple Disk II Floppy Disc System
"68" Micro	My	p16	1	MSI FD-8 Comments by R McKay
"68" Micro	Jy	p13	a	PERCOM LFD-400 Disk Product Review
"68" Micro	Jy	p29	1	MSI FD-8 comments by Charles Childress
"68" Micro	Ag	p13	a	TSC Cassette BASIC--Patch Disk Save and Load by Mickey Ferguson
"68" Micro	N	p11	a	SWTPC DMAF-2 Disk System review

MEMORY: EPROM, PROM AND ROM

Byte	F	p43	c	Correction for Zapper (Byte Dec. '78 p100)
Compute	F1	p76	a	Retrofitting ROMs (PET) by Larry Isaacs
Comp. Des.	Ja	p162	a	Update on EPROMS by Manolito Adan & Scott Smith
Comp. Des.	N	p185	a	Compatible ROM/EPROM Families Add Flexibility to uP Designs by Tim Coffman
Comp. Des.	D	p67	a	Semiconductor Memory Update--Part 1: ROMs by Eugene Hnatek
Dig. Design	S	p26	a	Programmable Devices: Their Advantages, Disadvantages & Programming by William Gundling & Peter Schade

MEMORY: EPROM, PROM AND ROM continued

Dig. Design	O	p76	a	Programmable Devices: Their Advantages and Disadvantages Part 2 by William Gundling & Peter Schade
Dr. Dobbs	F	p34	a	A 2708 PROM Programmer for the 6800 by E Insam
EDN	Ap20	p171	a	Simplify uC software development by simulating an EPROM by Steven Roberts
EDN	My5	p101	a	Consider all options in PROM programmers by Jerry Rampelberg & Dick Woods
EDN	Je5	p83	a	Simplify CRC PROM-checking by Ken Parker
EDN	Je5	p177	a	Program PROMs with a 6800 by J Deal & R Bass
EDN	Ag20	p100	a	Design memory boards for RAM/ROM/EPROM interchange by Michael Bolan
Elec. Des.	O 25	p112	a	Adapter modifies a 2716 EPROM programmer to accept 2732s by Abe Abramovich
Electronics	Je7	p146	a	Low-cost processor package programs E-PROMs by Douglas Passey
Electronics	Jy19	p147	a	Software-based controller simplifies PROM programmer by R F Hobson
Electronics	Ag16	p126	a	E-PROM doubles bit density without adding a pin (Intel 2732) by Bob Greene & Frank Louie
Electronics	Ag30	p157	a	Teleprinter option unites PROM programmer to MC6800 by J Padmanabhan & M S Swaminathan
Electronics	N 8	p151	a	Low-cost interface automates E-PROM loading by Henry Jan Stec
Interf. Age	F	p130	a	Burn Your Own PROMs: Building and Rebuilding a PROM Programmer by Alan R Miller
Interf. Age	Ap	p17	c	Correction for Burn Your Own PROMs (Interf. Age Feb. '79)
Kilobaud	Ja	p20	c	Correction for Super Cheap 2708 Programmer (Kilobaud Sept '78, p101) by Mike Firth
Kilobaud	Mr	p46	a	The "El Cheapo" EPROM Programmer (2758) by Ward J McFarland
Kilobaud	Ap	p19	1	REPROM for KIM PROM Program in Kilobaud Sept '78 p103 by Jim Grina
Kilobaud	S	p78	a	2708 EPROM for the S-100 by Bill Walters
Kilobaud	O	p176	a	Sweetening the Bytesaver by Steven Roberts
Kilobaud	D	p62	a	An Inexpensive and Easy EPROM Board (SWTP) by R D "Slim" Cummings
Micro	Mr	p31	a	An ASK(AIM/SYM/KIM) EPROM Programmer by Robert Tripp
Micro	Ag	p25	a	EPROM for the KIM by William Clements
PCW	S	p52	a	The Memory Lingers On, SC/MP UVEPROM Burner by John Stephenson
Pop. Elec.	Ja	p68	a	Microcomputer ROM Board Buying Directory
Radio Elec.	S	p68	a	Prom Programming (Fairchild 93000 Series)

MEMORY: RAM

Byte	Ap	p54	a	Smart Memory Part 1 by Randy C Smith
Byte	My	p150	a	Smart Memory, Part 2 by Randy C Smith
Byte	D	p36	a	Add Nonvolatile Memory to Your Computer by Steve Ciarcia
Comp. Des.	Mr	p127	a	Dynamic RAM Controller Performance/Cost Tradeoffs by Andrew Volk, Intel
Comp. Des.	Mr	p176	a	Interfacing Fundamentals: Direct Memory Access by Larsen, Rony, Titus & Titus
Comp. Des.	Ag	p117	a	Guidelines for Designing Battery Backup Circuits for CMOS RAMs by Dennis Young
Dr. Dobbs	Ja	p40	a	Memory Map Program for the Z80/8080 by Robert Alkire
Dr. Dobbs	Ap	p30	a	Conversion: 8-bit Memories to 16-bits by George Lyons
EDN	Ag20	p100	a	Design memory boards for RAM/ROM/EPROM interchange by Michael Bolan
Elec. Des.	F 1	p92	a	Simple protective circuit ensures proper power sequence to MOS RAMs by Bob Ferguson
Elec. Des.	Mr29	p118	a	Get top memory system performance at low power levels with MOS RAMs by Kirk F MacKenzie
Elec. Des.	My24	p33	a	64k RAM in line to succeed 16k by the early 80's by Sam Young
Elec. Des.	Je21	p58	a	64-k RAM with single supply could be standard for future design by Sam Young
Elec. Des.	S 1	p94	a	Pseudostatic RAM offers dynamic density plus easy interfacing (4816) by Fred Jones
Elec. Des.	N 8	p78	a	Get the most out of top RAMs by designing memory systems properly by Kazuhiro Toyoda
Elec. Des.	D 20	p90	a	In-line code is faster for refreshing RAMs by software by David G LeVine
Electronics	Ja4	p145	a	The 64-K RAM which way to refresh? by Bill Johnston
Electronics	Ja18	p147	a	Selectors squeeze data into random-access memories by Thinh V Nhuyen
Electronics	F 15	p141	a	64-K dynamic RAM has pin that refreshes (MCM6664) by David C Ford, Dick Brunner & Jerry Moench
Electronics	Ap26	p125	a	The race heats up in fast static RAMs by Raymond P Capece
Electronics	My10	p128	a	Electrically erasable memory behaves like a fast, nonvolatile RAM by Chris Wallace
Electronics	My24	p137	a	V-MOS packs 16 kilobits into static random-access memory by Gideon Amir
Electronics	Je7	p122	a	Reappraising CCD memories: can they stand up to RAMs? by W Milton Gosney
Electronics	O 11	p144	a	A Smart dynamic memory needs only four pins by Don Lauffer
Kilobaud	S	p34	a	It's Time for Core by Ron Fracchia
Kilobaud	D	p104	a	64K Bytes on One Board! (Expandoram) by Ron Derynck
PCW	My	p35	a	SMART 1, How to make a buffer and 8K RAM board for the Nascom by Mike Dennis
Radio Elec.	F	p76	a	Computer Corner: A Look at one memory device in 8085 family (8155 RAM) by Titus, Titus, Larsen & Rony
"68" Micro	F	p28	a	Semiconductor Memory Primer Part 1 by Don Kinzer
"68" Micro	O	p8	a	Digital Research's SS-50 16K Memory Board

MEMORY:TAPE, MAGNETIC AND PAPER

Byte	F	p70	a	The Electic Card Reader by Anthony Schaeffer
Byte	S	p118	a	Inexpensive Optical Paper-Tape Reader by Brian A Harron
Cr. Comput.	S	p112	a	Cassette Tape Monitor Build It Yourself (TRS-80 & Apple) by Frank Salerno
Dig. Design	F	p56	a	Need Mass Storage for Your Mini? Try 1/4" Cartridges by Jack Olsen
Dr. Dobbs	F	p43	1	Loading KIM's Cassettes by Jonathon M Prigot
EDN	Mr20	p76	a	Build this SDK-85 cassette interface by Rudy Schneider
EDN	My5	p87	a	Simple circuit controls recorder by Cass Lewart
EDN	N 5	p127	a	Magnetic tape drives meet many storage needs by Bill Barton & Marty Gray
Elec. Des.	Jy19	p42	a	Minicassettes take charge in portable terminals by Len Yecharis
Elec. Des.	O 25	p42	a	Special Report, Micro/mini storage peripherals driven by disk, tape adv.
Elec. Des.	O 25	p48	a	Streaming tape improves backup
Elec. Des.	O 25	p84	a	Save & restore Winchester data with streaming cartridge tape drive by William Valliant
Interf. Age	Ja	p87	a	3P + S + CIS - 30 + (Percom CIS 30 + Interfaced to IMSAI) by Gene Carleton
Interf. Age	Ja	p134	a	TLABEL: An 8080 Program to Punch Human-Readable Labels on Paper Tape by Alan R Miller
Kilobaud	Ja	p78	a	Cassette Interfacing: A Multilingual Approach by David C Jenkins & Joseph McCauley
Kilobaud	F	p106	a	The Care and Feeding of Cassette Tapes by Lewis Tarnopol
Kilobaud	Ap	p84	a	Twin Cassettes for Your TRS-80 by Les Logan
Kilobaud	My	p42	a	Super Standard/High-Speed Cassette Interface by Wilson R Boaz
Kilobaud	My	p135	c	Correction for Copying Computer Cassettes (Kilobaud Aug. '78 p95) by Wally Izuo
Kilobaud	Ag	p76	a	Percom CI-812 Mod by Charles Blevins
Kilobaud	O	p46	a	Eyes for the AC-30 Cassette Interface by Jerry Sorrels
Kilobaud	O	p98	a	The Exatron Stringy Floppy by Bill Harvey
Kilobaud	N	p42	a	Stringy Floppy Encore (TRS-80 Version) by Jim Perry
Kilobaud	D	p78	a	6800 Tape System (SWTP) by John Glidewell
Micro	Je	p61	a	Reading PET Cassettes Without a PET by David Kemp
Micro	Jy	p57	a	To Tape or Not to Tape: What is the Question? by Noel Biles
Micro	D	p51	a	KIM and SYM Format Cassette Tapes on APPLE II by Steven Welch
onComputing	W	p31	a	A Simple Cassette Directory by John Appleton
PCW	Ja	p65	a	PUNCHLINES, Software for Controlling the Westrex Punch by Mark Colton
PCW	Ag	p39	a	High-Speed Software Cassette Interface for the SWTP 6800 System by David Isaac
Pop. Elec.	Ja	p8	c	Correction for Cassette Control System (Pop. Elec. Nov '78)
Pop. Elec.	Jy	p79	a	Computer Bits: Audio Cassette Recording Formats by Hal Chamberlin
Pop. Elec.	S	p98	a	Computer Bits: Digital Magnetic Recording by Hal Chamberlin
Radio Elec.	N	p55	a	Tune Up Your Tape Recorder by Lewis Harlow
"68" Micro	My	p37	a	Paper Tape Reader Program by Chuck Adams
"68" Micro	Je	p41	a	Basic Cassette Formats by Phil Schuman
"68" Micro	Ag	p13	a	TSC Cassette BASIC--Patch Disk Save and Load by Mickey Ferguson
73	S	p96	a	No More TRS-80 Cassette Woes - E-Z Loader does the trick by Paul Goetz & David Miller
80-U.S.	Jy	p40	a	Product Review: The Data Dubber by M Schmidt

MEMORY: TEST

Byte	Ag	p215	a	Memory Test Program (8080) by Frank J Capererello
Compute	Fl	p32	a	Universal 6502 Memory Test by Carl Moser
Dr. Dobbs	Ja	p20	a	Two Additions to the Z-80 RAM Test by Ronald Derynk & Bock W Lee
Electronics	N 22	p148	a	RAM diagnostic performs nondestructive check by John Beaston & Mike Scott
Interf. Age	Ap	p140	a	6502 Comprehensive Memory Test Program by Steve Nabers
Interf. Age	Ag	p138	a	A Versatile Memory Test for the TMS9900 by Tom Morris
Micro	Mr	p37	a	"Thanks for the Memories" A PET Machine Language Memory Test by Harvey Herman
Micro	Jy	p29	a	OSI Memory Test in BASIC by William Taylor
Micro	D	p73	a	SUMTEST: A Memory Test Routine for the 6502 by S Felton Mitchell
Per. Comput.	Jy	p72	a	Testing Your Memory: The M-1 Worm by Henry Melton
Per. Comput.	N	p65	a	Checksum, A ROM Test Program by Bob McMann

MICROCOMPUTERS: GENERAL

Byte	S	p6	e	The Rationale of Yet Another Homebrew System by Carl Helmers
Cr. Comput.	Mr	p41	b	The Computer Quiz Book by Donald Spencer
Cr. Comput.	Mr	p42	b	Small Systems Computer Scourcebook by J C Boonham
Cr. Comput.	Je	p66	a	Mystery Shopper, We Shop for a Personal Computer
Cr. Comput.	Ag	p124	a	A Simplified Guide to Hardware Maintenance by David Ahl
Electronics	My24	p112	a	VLSI shakes the foundations of computer architecture by Anthony Durniak
Kilobaud	D	p7	b	How to Build Your Own Working 16-Bit Microcomputer by Ken Tracton
Per. Comput.	O	p86	b	The Computer Book by Fred Lee
Pop. Elec.	N	p53	a	Focus on Microcomputers: Choosing a Computer for a Very Small Business by John Zitz
Radio Elec.	Mr	p48	a	Your Own Computer, Introduction to Personal Computers by Jeffrey Mazur

MICROCOMPUTERS: DESIGN

Byte	My	p231	b	Microcomputer-Based Design by John B Peatman
Byte	S	p122	b	Microcomputer-Based Design by John B Peatman
Byte	O	p6	e	Designing the Logic of the System--Processor Board Design by Carl Helmers
Comp. Des.	Mr	p141	a	Forecasting Computer System Reliability with a Programmable Calculator by Ronald Zussman
Comp. Des.	Mr	p176	a	Interfacing Fundamentals: Direct Memory Access by Larsen, Rony, Titus & Titus
Comp. Des.	Je	p105	a	Multiplier/Divider Hardware Design Accelerates uP Throughput by Francis Gerberich & Robert Rodgers
Comp. Des.	Ag	p142	a	A Software Based Approach to Priority Interrupts by B K Gupta
Dig. Design	My	p98	a	uComputer Software Lowers Parts Count by Larry Solomon & Dennis Block
Dig. Design	Ag	p50	a	Techniques For Designing Successful Products by Ken O'Mohundro & Les Wellington
Dr. Dobbs	Ag	p37	b	Introduction to Microprocessor System Design by Harry Garland
EDN	My20	p155	a	Use a 1-chip calculator-type uC to build a $10 automation controller by Robert Cushman
EDN	Je5	p119	a	Special-architecture 1-chip uCs aim for versatility and power by Robert Cushman
EDN	Ag5	p97	a	Use EPROM 1-chip uCs as effective 1-shot lab aids by Robert Cushman
EDN	Ag5	p129	a	Address peripherals with program counter by Dana Knight
EDN	N 20	p18	a	Designing Microcomputer Systems by Udo Pooch & Rahul Chattergy
Elec. Des.	Ap26	p100	a	uProgram a custom MPU for simple programming and speedy multiprocessing by Andrew Kiss
Electronics	Ja4	p139	a	Designing fail-safe microprocessor systems by Dan R Ballard
Electronics	Ja18	p147	a	Selectors squeeze data into random-access memories by Thinh V Nhuyen
Electronics	Mr1	p122	a	Designing a seviceman's needs into microprocessor-based system by Martin Neil & Randy Goodner
Electronics	Jy19	p123	a	Paralleled slaves boost throughput of minicomputers by Jerry Braun & George White
Interf. Age	Ja	p112	a	Multiprocessor Hardware by Merle Vogt
Kilobaud	D	p8	b	Designing Microcomputer Systems by Udo Pooch & Rahul Chattergy
PCW	Jy	p37	a	Practising a little Micro-Control by Mike Dennis

MICROCOMPUTERS: FUNDAMENTALS

Byte	Mr	p230	a	What is an Interrupt? by R Travis Atkins
Cr. Comput.	Ja	p33	b	How to Buy and Use Minicomputers & Microcomputers by William Barden
Cr. Comput.	Ja	p33	b	Getting Acquainted With Microcomputers by Louis Frenzel
Cr. Comput.	Ja	p102	b	Personal Computing: a Beginners Guide by David Bunnell
Cr. Comput.	F	p66	b	Beginning Computer Science by James Poirot & David Groves
Cr. Comput.	F	p68	b	Home Computers: A Beginners Guide and Glossary by Merl Miller & Charles Sippl
Cr. Comput.	Mr	p41	b	Your Own Computer by Mitchell Waite & Michael Pardee
Cr. Comput.	Mr	p42	b	An Introduction to Personal & Business Computing by Rodnay Zaks
Cr. Comput.	Ap	p142	b	uComputer Primer by Mitchell Waite & Michael Pardee
Cr. Comput.	Ap	p142	a	A Step by Step Introduction to 8080 uP Systems by David Cohen & James Melsa
Cr. Comput.	Ag	p154	b	uProcessors from Chips to Systems by Rodney Zaks
EDN	O 20	p69	a	Wide-ranging self study courses bring the uC design classroom home by Andy Santoni
Interf. Age	Mr	p84	a	NTS Mini-Series; Computer Organization by Walter L Stephens
Interf. Age	Mr	p124	b	Home Computes: A Beginner's Glossary and Guide by Merl Miller & Charles Sippl
Interf. Age	Mr	p127	b	A Step by Step Introduction to 8080 Microprocessor Systems by David L Cohn & James L Melsa
Interf. Age	Ag	p74	a	NTS Mini-Series; Microcomputer Fundamentals by Walter F Stephens
Interf. Age	Ag	p82	b	The Secret Guide to Computers, Part I: Basic by Russ Walter
Interf. Age	O	p120	b	Microcomputer Systems Principles by R C Camp
Interf. Age	O	p120	b	An Introduction to Microcomputers Vol 2, Some Real Microprocessors by Osborne & Associates
Interf. Age	N	p140	a	NTS Mini-Series; Microcomputer Fundamentals by Walter Stephens
Interf. Age	D	p106	a	NTS Mini-Series; Microcomputer Fundamentals by Walter F Stephens
Kilobaud	Ap	p76	a	The Wait State Explained by Ren Colantoni
Kilobaud	My	p12	b	An Introduction to Microcomputers, Volume 2 Some Real Microprocessors by Osborne
onComputing	Su	p6	a	Getting Started by Elizabeth Hughes
onComputing	Fl	p37	a	The System by Russell Reiss
onComputing	Fl	p65	b	Beginner's Guide to Home Computers by Marvin Grosswirth
onComputing	W	p32	b	Microcomputer Primer by Mitchell Waite & Michael Pardee
PCW	Mr	p61	b	Microprocessors- From Chips to Systems by Rodnay Zaks
Radio Elec.	Mr	p48	a	Your Own Computer, Introduction to Personal Computers by Jeffrey Mazur
Radio Elec.	My	p86	a	Computer Corner: Direct Memory Access by Larsen, Rony, Titus & Titus
73	F	p116	a	Books for Beginners - You Have to Start Somewhere! by Rod Hallen

MICROCOMPUTERS: SELECTION GUIDES

Cr. Comput.	Ja	p32	b	So You Want to Buy a Computer! by Roger Brown
Cr. Comput.	Mr	p40	b	Consumers Guide to Personal Computing Microcomputers by Stephen Freiberg & Paul Chew
Cr. Comput.	Ag	p20	a	Random Ramblings: Various Microcomputers by David Ahl
Cr. Comput.	N	p24	a	Single Board Computer Shopping Considerations by Rick Grossman
Cr. Comput.	N	p30	a	Personal Computer Comparison Chart by Steve North
EDN	My20	p135	a	Desktop Computers for less than $10,000 by Andy Santoni
EDN	O 20	p133	a	EDN's Sixth Annual uP/uC Chip Directory by Robert Cushman
Elec. Des.	Mr1	p45	a	1979 Microcomputer Data Manual
Elec. Des.	D 6	p29	a	Universal 8-bit uC busy growing in support & compatibility (sel. guide)
Interf. Age	Mr	p131	a	New Products Directory (Microcomputers)
Interf. Age	O	p120	b	An Introduction to Microcomputers Vol 2, Some Real Microprocessors by Osborne & Associates
Interf. Age	N	p70	a	Computers-The Plain Truth, Selecting Your First Computer by Roger Smolin
Kilobaud	D	p88	a	How to Choose a Small-Business Computer by Robert Rae
onComputing	Su	p50	a	A Personal Computer Directory by Fred Ruckdeschel
PCW	O	p68	a	Britain's Buyer's Guide for Microcomputers by Richard Olney
PCW	N	p97	a	In Store, Microcomputer Selection Guide by Richard Olney
PCW	D	p79	a	Selection Guide for Microcomputers by Richard Olney
Per. Comput.	N	p58	a	Holiday Buyer's Guide by Don Wood
Per. Comput.	D	p22	a	Holiday Buyer's Guide Part 2 by The Editors
Pop. Elec.	Ja	p68	a	Microcomputer ROM Board Buying Directory
Pop. Elec.	Ap	p68	a	Microcomputer I/O Board Buying Directory
Pop. Elec.	My	p74	a	Microcomputer Video Board Buying Directory
Pop. Elec.	Je	p76	a	Microcomputer I/O Board Buying Directory
Pop. Elec.	N	p53	a	Focus on Microcomputers: Choosing a Computer for a Very Small Business by John Zitz

MICROCOMPUTERS: APPLE

Byte	Ap	p20	a	Cross-Pollinating the Apple II by Richard Campbell
Byte	Je	p60	a	More Colors for Your Apple by Allen WatsonIII
Byte	Jy	p52	a	Apple Kaleidoscope by Robert J Bishop
Byte	N	p63	a	Shape Table Conversion for the Apple II by Dave Partyka
Calc. Comp.	Ja	p46	a	High-Resolution Apple Art by Jim Day
Compute	F1	p61	a	The APPLE Gazette: Corvus 11A Disc Drive by Michael Tulloch
Cr. Comput.	F	p98	a	Apple Cart: Data Files by Richard Milewski
Cr. Comput.	Mr	p124	a	Disk Power: How to Use It, Apple's New Disk System by Carl Swenson
Cr. Comput.	Ap	p22	a	Apple Cart: Exec Command by Richard Milewski
Cr. Comput.	Jy	p116	a	Apple Cart: Apple 3-D Graphics by Richard Milewski
Cr. Comput.	S	p17	c	Correction for 3D Apple Graphics (Cr. Comput. July '79) by Al Booth
Cr. Comput.	N	p38	a	Three User Definable Character Generators for the Apple by Steve North
Cr. Comput.	D	p126	a	Animation for the Apple by Michell Waite
Cr. Comput.	D	p141	a	Apple Cart: Clock, Graphics, etc... by Chuck Carpenter
Dr. Dobbs	F	p40	1	Apple Reset Adaptor by Chuck Carpenter
Dr. Dobbs	S	p37	a	Modular Programming with the Apple II by R F Zant
Dr. Dobbs	O	p19	a	Page List for the Apple by Robert D Diaz
Dr. Dobbs	O	p24	a	Quick and Dirty Routines for the Sweet-16 by Steve Wheeler
Kilobaud	F	p99	a	The Apple Speaks...Softly by Robert Bishop
Kilobaud	Mr	p138	a	Telpar Thermal Printer (Apple Interface) by Chuck Carpenter
Kilobaud	Ap	p106	a	Starship Attack by Marc Schwartz
Kilobaud	Ag	p90	a	Apple Ciphers by A W Brown
Kilobaud	S	p104	a	Apple II High-Resolution Graphics by Darrell Smith
Kilobaud	O	p132	a	Apple's Documentation Strikes Again by Kenneth Miles
Kilobaud	N	p30	a	Lowercase for Your Apple II (Part1) by Don Lancaster
Kilobaud	D	p34	a	Lowercase for Your Apple II (Part II) by Don Lancaster
Kilobaud	N	p70	a	The Apple Goes to Market by Leslie Schmeltz
Micro	F	p9	a	Exploring the Apple II DOS by Andy Hertzfeld
Micro	F	p19	a	Two Apple II Assemblers: A Comparative Software Review by Allen Watson
Micro	Ap	p5	a	An Apple II Program Edit Aid by Alan Hill
Micro	Ap	p21	a	A Cassette Operating System for the APPLE II by Robert Stein
Micro	My	p9	a	S-C Assembler II Super Apple II Assembler by Chuck Carpenter
Micro	My	p41	a	The Integer BASIC Token System in the Apple II by Frank Kirschner
Micro	My	p45	a	Renumber Applesoft by Chuck Carpenter
Micro	Je	p21	a	Sorting with the Apple II Part 1 by Gary Foote
Micro	Je	p31	a	The Color Gun for the Apple II by Neil Lipson
Micro	Jy	p17	a	Intercepting DOS Errors from Integer BASIC (Apple II) by Andy Hertzfeld
Micro	Jy	p27	a	Screen Dump to Printer for the Apple II by R M Mottola
Micro	Ag	p29	a	What's Where in the APPLE (Memory Map) by William Luebbert
Micro	Ag	p44	a	Define HI-RES Characters for the APPLE II by Robert Zant
Micro	Ag	p	a	Common Variables on the APPLE II

MICROCOMPUTERS: APPLE continued

Micro	O	p7	a	Disassembling the DOS 3.2 by William Reynolds
Micro	N	p17	a	APPLE II Hires Picture Compression by Bob Bishop
Micro	D	p51	a	KIM and SYM Format Cassette Tapes on APPLE II by Steven Welch
onComputing	Su	p28	a	A User Reviews the Apple II System by Raymond Cote
PCW	Ja	p67	a	The Applesoft Touch, APPLE II Re-review by H N Dobbs
PCW	Je	p67	a	APPLEVISION, Demonstrations using the Apple II by G F Pilbey
Per. Comput.	Ap	p58	a	Apple II Artist Extaordinaire by Raymond Vizzone
Radio Elec.	Ag	p26	a	Equipment Report: Apple Disk II Floppy Disc System
Rec. Comput.	Ja	p26	a	Building a HI-RES Shape Table for the Apple II by Carl Swenson
Rec. Comput.	Ja	p42	a	Apple II: Easy I/O Sensing & Control by Chuck Carpenter
Rec. Comput.	Mr	p46	a	Easy POKEing with Applesoft BASIC by Chuck Carpenter
Rec. Comput.	Mr	p55	a	APPLE ROSE by Jim Day
Rec. Comput.	My	p28	a	PILOT For the Apple II an extended Micro-Pilot interpreter by Chuck Carpenter
Rec. Comput.	S	p24	a	An Apple PILOT Interpreter by Arthur Wells
Rec. Comput.	S	p56	a	Graphic Triples for the Apple II by Jim Day
Rec. Comput.	S	p64	a	Apple II's Three M's (Memory, Monitor & Machine Language) by Chuck Carpenter
Rec. Comput.	N	p28	a	Apple II's Three M's (Memory, Monitor & Machine Language) by Chuck Carpenter

MICROCOMPUTERS: ATARI

Compute	Fl	p62	a	Atari Computers: The Ultimate Teaching Machines? by John Victor
Cr. Comput.	Ag	p58	a	"Atari Speaks Out" Interview by Peter Rosenthal & David Ahl
Interf. Age	Ag	p54	a	The Atari Computer, A Tool for Education by Don Inman
Interf. Age	D	p34	a	Al Baker's Game Corner (Atari 400) by Al Baker
onComputing	Fl	p51	a	Atari's New Hybrid Computers by Chris Morgan
Pop. Elec.	Ap	p86	a	Computer Bits: Language Translation & Atari Steps In by Leslie Solomon
Rec. Comput.	S	p32	a	See What You Hear & Hear What You See (Atari) by Herb Moore
Rec. Comput.	N	p8	a	See What You Hear & Hear What You See (Atari) by Herb Moore

MICROCOMPUTERS: COMPUCOLOR

Cr. Comput.	S	p28	a	Equip. Profile: Compucolor II by Steve North
Cr. Comput.	O	p30	a	The Renaissance Machine: Compucolor II by Dennis Martin
Interf. Age	O	p58	a	The Compucolor Dream Machine by Carl Warren
onComputing	Fl	p12	a	The Compucolor II, A User's Report by Blaise Liffick
PCW	S	p36	a	Bench Test: Compucolor II
Pop. Elec.	Ag	p67	a	Product Test Report: Compucolor II Model 4, Personal Computer System

MICROCOMPUTERS: ELF AND VIP

Cr. Comput.	O	p126	a	2 In One: RCA VIP & COSMAC ELF or Teaching VIP to Speak Elvish by Jeff Duntemann
Interf. Age	Mr	p112	a	Mode LEDs for the COSMAC "ELF" by William R Smith
Kilobaud	F	p66	a	Onward with the COSMAC ELF! (Memory Expansion) by Jeff Duntemann
Kilobaud	Ap	p100	a	Put Something Super in Your Life (Elf) by Forrest Hudspeth & James Champ
Kilobaud	My	p66	a	COSMAC Double Play by Larry Dolce
Kilobaud	My	p70	a	Double Play COSMAC Coverage by Hardy J Pottinger
Kilobaud	O	p154	a	Elfish Ideas, I/O by Glen Popiel
Kilobaud	N	p127	a	Elfin Echoes Sound to the Elf by Ray Tully

MICROCOMPUTERS: EXIDY SORCERER

Cr. Comput.	Ja	p88	a	Equipment Profile: The Boredom Destroyer: Exidy's Sorcerer by Ken Barbier
Cr. Comput.	Mr	p44	a	Experiment in Business: Part I Putting the Exidy Sorcerer to Work by Ken Barbier
Kilobaud	Je	p100	a	What's so Magic about the Sorcerer?
Kilobaud	Ag	p84	a	The Sorcerer Connection, Serial I/O port by Ken Barbier
onComputing	Su	p38	a	A User Reports on the Sorcerer Computer by Ken Barbier
PCW	My	p31	a	The Sorcerer's Wand by R J Beynon
PCW	Jy	p23	a	The Exidy Sorcerer, Owner's Report by Valerie Downes
Per. Comput.	N	p51	a	Exidy Sorcerer by Charles Strom

MICROCOMPUTERS: HEATH/ZENITH

Byte	Mr	p12	a	Building the Heath H8 Computer by Paul R Poduska
Cr. Comput.	F	p17	a	Creative Builds the H-8 by Alan Salisbury
Cr. Comput.	S	p42	a	The Heath H17 Disk System by Donald Skiff
Cr. Comput.	D	p26	a	The New Suprises from Heath by Eric Van Horn
Dr. Dobbs	F	p41	1	Paged Listings in BASIC (Heath) by William Moss
Dr. Dobbs	N	p42	a	An Interactive Heath H-8 Disassembler by Ronald T Borochoff
Kilobaud	Mr	p24	a	Cheap Video for Your Heathkit H8 by Don Lancaster
Kilobaud	Mr	p82	a	Heath H9 Page Erase by William Richter
Kilobaud	Ap	p30	a	Heath H-8 Disk System by Ron Rocheleau
Kilobaud	Jy	p108	a	CONOPS (Monitor for Heath H8) by Chesney Twombly
Kilobaud	D	p142	a	A Big Switch for the H17 by Gerald Hale

MICROCOMPUTERS: HEATH/ZENITH continued

Kilobaud	D	p160	a	H8 Alarm Clock Program by Adrian Thornton
onComputing	W	p65	a	Product Evaluation: Heathkit H8 by Mark Snow
Per. Comput.	D	p86	a	Product Close-Up: Zenith Computers for Small Business
Radio Elec.	My	p24	a	Equipment Report: Heath Model H17 Floppy Disc System

MICROCOMPUTERS: KIM, SYM AND AIM

Byte	Ag	p213	1	Turn Your KIM into a Metronome by David Kellerman
Byte	S	p34	a	Interface a Chessboard to Your KIM-1 by Jeff Teeters
Compute	Fl	p104	a	AIM 65 Review by Donald Clem
Dr. Dobbs	Mr	p41	a	PIAs for KIM by Joel Swank
Dr. Dobbs	Ap	p37	a	OSI BASIC for the KIM-1 by Jonathan M Prigot
Dr. Dobbs	Je	p47	1	KIM Renumber by Fred Monsour
Interf. Age	Mr	p64	a	A Musical Synthesizer for the KIM-1 by Jed Margolin
Kilobaud	Ja	p28	a	u-Panel (Register Display) by George E. Lang
Kilobaud	Ja	p58	a	SHHH... People Are Sleeping (Telpar Printer to a KIM) by Charles R Carpenter
Kilobaud	Ap	p19	1	REPROM for KIM PROM Program in Kilobaud Sept '78 p103 by Jim Grina
Kilobaud	My	p34	a	KIMCTR (KIM-1 Frequency Counter/Timer) by Clement S Pepper
Kilobaud	Ag	p102	a	Taking AIM by Kenny Lloyd
Kilobaud	S	p130	a	Another KIM-1 Expansion by John Blalock
Kilobaud	O	p64	a	KIMCTR Measures Capacitance by Clement Pepper
Micro	F	p14	a	2 Short TIM Programs: Fast Talking TIM, TIM Operating System Menu by Gary Tater
Micro	F	p35	a	How Goes Your ROM Today? (KIM) by Harvey Herman
Micro	Mr	p5	a	A Simple 24 Hour Clock for the AIM 65 by Marvin DeJong
Micro	Mr	p31	a	An ASK(AIM/SYM/KIM) EPROM Programmer by Robert Tripp
Micro	Ap	p12	a	Corrected KIM Format Loader for SYM-1 by Nicholas Vrtis
Micro	Ap	p19	a	EKIM or MAXI-KIM Extended Keyboard Input Monitor by Andrew Sensicle
Micro	Ap	p25	a	Ask the Doctor Part III, Bits and Bytes for KIM, SYM & AIM by Robert Tripp
Micro	My	p5	a	An Aim 65 User's Notes by Joe Burnett
Micro	My	p35	a	Ask the Doctor-Part IV Good News Bad News (SYM Monitor) by Robert Tripp
Micro	My	p39	a	Inside the KIM TTY Service by Ben Doutre
Micro	Je	p17	a	A SYM-phony in Stereo by Phillip Rinard
Micro	Je	p34	a	Ask the Doctor- Part V Reading KIM Tapes on the AIM and SYM by Robert Tripp
Micro	Je	p41	a	AIM 6522 Based Frequency Counter by Marvin DeJong
Micro	Je	p61	a	Reading PET Cassettes Without a PET by David Kemp
Micro	Jy	p30	a	SYM and AIM Memory Expansion by Paul Smola
Micro	Jy	p35	a	The First Book of KIM -- on a SYM by Nicholas Vrtis
Micro	Ag	p9	a	Extending the SYM-1 Monitor by Nicholas Vrtis
Micro	Ag	p25	a	EPROM for the KIM by William Clements
Micro	Ag	p42	a	SYMple Memory Expansion by John Blalock
Micro	S	p11	a	An AIM-65 Notepad by Marvin DeJong
Micro	N	p5	a	Dual Tape Drive for SYM-1 BASIC by George Wells
Micro	N	p43	a	Interfacing the Percom CI-812 to the KIM by Jim Dennis
Micro	D	p37	a	Sharpen Your AIM by Robert Babcock
Micro	D	p51	a	KIM and SYM Format Cassette Tapes on APPLE II by Steven Welch
PCW	Mr	p17	a	A Mighty Micromite, The SYM-1 Single Board Microcomputer by Patrick Sutton
PCW	Ap	p21	a	A Mighty Micromite, KIM 3B and 4 the KIM additions by Jim Morris
73	My	p78	a	RTTY Transceive for the KIM-1 - requires video terminal & AFSK generator by Bill Schmidt & Bob Shattuck

MICROCOMPUTERS: NORTH STAR

Cr. Comput.	O	p62	a	Getting Started With Your North Star Horizon by Victor Heyman
Dr. Dobbs	Ag	p44	1	Mods to North Star Horizon (using Micropolis Drives) by John R Atwood
Dr. Dobbs	O	p43	1	Altering NorthStar DOS by Amberse M Banks
Dr. Dobbs	N	p20	a	North Star Disk STOIC an Introduction by R W Lee
Kilobaud	Je	p64	a	Vector Graphing Techniques (North Star with Merlin) by Wendell Brown
Kilobaud	Je	p80	a	Building a New Horizon by Michael D O'Brien
Kilobaud	Jy	p12	b	The User's Guide to North Star BASIC by Robert Rogers
PCW	Ag	p23	a	The North Star Horizon, A Review by Martin Healy, Paul Woodward & Mike Rees
Per. Comput.	Mr	p32	a	Two Handy Programs in North Star BASIC: ADDSUB & DUMPFILE by Ilona Grochalska

MICROCOMPUTERS: OHIO SCIENTIFIC

Byte	My	p50	a	The Superboard II A Suprising Single Board Computer from OSI by Christopher Morgan
Compute	Fl	p97	a	Mastering the OSI Challenger 1P, A Learn By Doing Approach by Keith Russell & Dave Schultz
Compute	Fl	p100	a	Review: The Challenger 1P by Keith Russell
Cr. Comput.	Ja	p120	a	Equip. Profile: OSI Superboard II and Challenger 1P by Randy Heuer
Cr. Comput.	Jy	p40	a	Educational Uses of the OSI-1P by Henry Kuska
Dr. Dobbs	Ap	p37	a	OSI BASIC for the KIM-1 by Jonathan M Prigot

MICROCOMPUTERS: OHIO SCIENTIFIC continued

Dr. Dobbs	Ap	p46	1	Improve Your OSI Resident Editor by Mark Lentezner
Dr. Dobbs	O	p30	a	David and Goliath (OSI serial I/O and terminal) by David Morganstein
Interf. Age	Ap	p98	a	Card of the Month: The OSI Single Board Computer by Roger Edelson
Kilobaud	Mr	p130	a	The OSI Model 500 by F R Ruckdeschel
Kilobaud	Jy	p66	a	OSI's Superboard II by Bruce Chamberlain
Kilobaud	Ag	p118	a	Visit to OSI... by J Tom Badgett
Kilobaud	D	p128	a	Reverse Video from OSI's 540 Board by Richard Lary
Micro	Mr	p41	a	The OSI Flasher: BASIC-Machine Code Interfacing by Robert Jones
Micro	Ap	p15	a	A Close Look at the Superboard II by Bruce Hoyt
Micro	My	p31	a	Real-Time Games on OSI by David Morganstein
Micro	Je	p28	a	Streamlining the C2-4P by James Cass
Micro	Jy	p53	a	OSI Fast Screen Erase under BASIC by William Taylor
Micro	O	p43	a	How Do You Connect Peripherals to Your Superboard II by Bruce Hoyt
Micro	N	p9	a	Some Useful Memory Locations and Subroutines for OSI BASIC in ROM by S R Murphy
Micro	D	p31	a	If You Treat It Nicely It Won't Byte (OSI Superboard) by Jack Swindell
Micro	D	p61	a	Graphics and the Challenger 1P by William Taylor
PCW	N	p48	a	Bench Test: Challenger C3-S1 by Sue Eisenbach
Pop. Elec.	Mr	p76	a	Product Test Reports: Ohio Scientific Superboard II Computer

MICROCOMPUTERS: PET

Byte	N	p98	a	Interfacing the PET to a Line Printer by P K Govind
Calc. Comp.	Ja	p54	a	PET BASIC for Parents and Teachers by Bob & Karl Albrecht
Compute	Fl	p65	a	The PET Gazette: The Evolution of a Magazine by Len Lindsay
Compute	Fl	p68	a	PET in Transition: Memory Locations for Upgrade ROM PETs by Jim Butterfield
Compute	Fl	p71	a	A Commodore Perspective by Robert Crowell
Compute	Fl	p76	a	Retrofitting ROMs (PET) by Larry Isaacs
Compute	Fl	p78	a	PET Resources
Compute	Fl	p84	a	Trace For The PET by Brett Butler
Compute	Fl	p87	a	Review: The BASIC Switch
Compute	Fl	p89	a	Non-Stop PETs, Old and New
Compute	Fl	p89	a	Un-Crashing On Upgrade ROM Computers by Jim Butterfield
Compute	Fl	p93	a	Using Direct Access Files with the Commodore 2040 Dual Disk Drive by Chuck Stewart
Cr. Comput.	Ja	p24	a	Personal Electronic Transactions: User Port, Random Numbers, etc by Gregory Yob
Cr. Comput.	Ja	p60	a	How About A "Counterfeit Cursor" For Your PET? (Program) by Ralph Wells
Cr. Comput.	Mr	p26	a	The Organizer, Channel Data Book by Lee Churchman
Cr. Comput.	Mr	p33	a	Per. Elec. Trans.: Machine Language, Music, etc.
Cr. Comput.	Mr	p49	a	Software Profile: PET Machine Language Programming by Les Palenik
Cr. Comput.	Ap	p28	a	Personal Elec. Trans.: The PET Clock, Files... by Gregory Yob
Cr. Comput.	Ap	p144	b	Getting Started with Your PET
Cr. Comput.	My	p76	a	7167 Bytes: Making the Most of them (PET) by Earl Wuchter
Cr. Comput.	My	p122	a	Personal Elec. Trans.: I/O, Graphics (PET) by Gregory Yob
Cr. Comput.	Jy	p32	a	Diagnostic Program for Your PET...from Commodore by Sol Friedman
Cr. Comput.	Jy	p118	a	Personal Elec. Trans.: Floating Point Math, Graphics by Gregory Yob
Cr. Comput.	S	p178	a	Personal Elec. Trans.: BASIC Tool Kit, Random #, Cipher by Gregory Yob
Cr. Comput.	N	p10	c	Correction for PET Column Cipher Program (Cr Comput Sept '79)
Cr. Comput.	O	p180	a	Personal Elec. Trans.: New PETs, BASIC Variables, etc... by Gregory Yob
Cr. Comput.	N	p46	a	PET Software From Creative Software (Review) by Randy Heuer
Cr. Comput.	N	p183	a	Personal Elec. Trans.:ROMS, Graphics by Gregory Yob
Cr. Comput.	D	p146	a	Personal Elec. Trans.: Machine Lang., etc... by Gregory Yob
Dr. Dobbs	Ja	p24	a	PET Basic Renumber by Bill Seiler
Dr. Dobbs	O	p22	a	Just Poking Around with my PET by Gary Ratliff
EDN	Ag20	p118	a	Let your personal computer talk to test equipment by David Smith
Kilobaud	Ja	p10	a	PET-pourri by Len Lindsay
Kilobaud	Ja	p53	a	Display Your PET by Don Ketchum
Kilobaud	Ja	p82	a	PET Techniques Explained by Gregory Yob
Kilobaud	Mr	p9	a	PET-pourri (Line Erasing Routine, etc.) by Len Lindsay
Kilobaud	Mr	p62	a	PET User Port Cookbook by Gregory Yob
Kilobaud	Ap	p90	a	Bar-Graph Generator by Frederick E Luffman
Kilobaud	Ap	p112	a	Testing PET Search Algorithms by P Kenneth Morse
Kilobaud	Jy	p72	a	Teach an Old PET New Tricks by Len Lindsay
Kilobaud	Ag	p110	a	PET Wrap-up, Memory add-on by Tom Hayek
Kilobaud	N	p198	c	Correction for PET Wrap-Up (Kilobaud Aug '79 p112)
Kilobaud	S	p100	a	Make PET Hard Copy Easy by James M Downey
Kilobaud	S	p112	a	Put Your PET on the Bus (BETSI) by Michael Tulloch
Kilobaud	O	p16	a	Pet-Pourri (Disks) by Len Lindsay
Kilobaud	O	p82	a	PET's Keyboard Grows Up by Robert Baker
Kilobaud	O	p122	a	Beefing Up PET by Kendal Rogers

MICROCOMPUTERS: PET continued

Kilobaud	N	p158	a	A "Pentronics" System, PET IEEE to Centronics Interface by Bill Bajcz
Kilobaud	D	p134	a	PET's Machine Language Monitor by D J David
Micro	Mr	p19	a	High-Resolution Plotting for the PET by John Sherburne
Micro	Ap	p37	a	The Ultimate PET Renumber by Don Rindsberg
Micro	My	p13	a	A PET Hex Dump Program by Joseph Donato
Micro	Je	p11	a	Case of the Missing Tape Counter by William Pytlik
Micro	Ag	p19	a	PET Cassette I/O by Ronald Smith
Micro	S	p17	a	MOVE IT: Relocating PET Source Programs and Object Code by Harvey Herman
Micro	O	p11	a	Hooking PET to Ma Bell (terminal program) by C H Scanlon
Micro	N	p11	a	A Tape Indexing System for the PET by Alan Hawthorne
Micro	D	p25	a	Relocting PET BASIC Programs by Michael Tulloch
Micro	D	p40	a	Additional I/O Interface for the PET by Kevin Erler
onComputing	Su	p32	a	A Review of the Commodore PET by Blaise Liffick
PCW	Mr	p30	a	Unraveling the PET IEEE-488 Bus by C Preece
PCW	My	p42	a	Owner's Report In Defense of PET by Tyrone Crudis
PCW	S	p76	a	PET As Digital Clock by Gordon Bell
PCW	O	p66	a	Checkout: Programmer's Toolkit
Per. Comput.	Ja	p30	a	PET vs. TRS-80 by Paul Wiener
Per. Comput.	Mr	p24	a	Line Renumbering on the PET by Mark Zimmerman
Per. Comput.	Je	p7	c	Correction for Line Renumbering on the PET (Per. Comput. Mar '79 p27) by Mark Zimmerman
Per. Comput.	My	p42	a	City (PET's Ability at Art) by Eric Olson
Radio Elec.	D	p32	a	Equipment Report: Micro Software Systems PET Programs
Rec. Comput.	Ja	p54	a	SPOT (Society of PET Owners and Trainers) by Harry Saal
Rec. Comput.	My	p39	a	Software Reviews from The Best Of The PET Gazette
Rec. Comput.	My	p54	a	CASCADES by Harry Saal
Rec. Comput.	Jy	p24	a	PET Fun Without Games or, How to Fool Around with Your PET by Len Lindsay
Rec. Comput.	N	p49	a	Making Music On The PET by Alfred Bruey

MICROCOMPUTERS: RADIO SHACK TRS-80

Byte	F	p65	c	Correction for TRS-80 Cassette Interface (Byte Nov '78 p160)
Byte	F	p44	l	TRS-80 Printer Use Hint
Byte	Ag	p82	a	Exploring TRS-80 Graphics by George H Yeager
Byte	S	p156	b	TRS-80 Microcomputer Technical Reference Handbook by Tandy
Calc. Comp.	Ja	p18	a	My TRS-80 Likes Me, When I Teach Kids how to Use it by Bob Albrecht
Calc. Comp.	Ja	p24	a	Sitting Ducks, Continuing Series on the TRS-80 by Don Inman
Cr. Comput.	Ja	p28	a	TRS-80 Strings by Stephen Gray
Cr. Comput.	F	p102	a	TRS-80 Strings: Microchess, Personal Finance, Simulations by Stephen Gray
Cr. Comput.	Mr	p22	a	Equip. Profile: Disk Systems for TRS-80 Computers by Ken Knecht
Cr. Comput.	Mr	p28	a	TRS-80 Stings: BASIC Handbook, Switchbox, etc. by Stephen Gray
Cr. Comput.	Mr	p58	a	TRS-80 Software Reviews: Math I, Algebra by Randy Heuer
Cr. Comput.	Mr	p148	a	Data Base or Bust! For Your TRS-80 by Ken Knecht
Cr. Comput.	Ap	p24	a	TRS-80 Strings: Library 100, CLOAD, Interactive Softwar by Steven Gray
Cr. Comput.	My	p129	a	TRS-80 Strings: Dump Command by Stephen Gray
Cr. Comput.	Je	p124	a	TRS-80 Strings: Sel-tronics Cassette Interface, Newsletters by Stephen Gray
Cr. Comput.	Jy	p112	a	TRS-80 Strings: No CP/M, Prog 80, SAM76, games by Stephen Gray
Cr. Comput.	Ag	p30	a	Equip. Profile: Radio Shack's New TRS-80 Model II by Stephen Gray
Cr. Comput.	Ag	p126	a	TRS-80 Strings: Graphics, Newsletters, etc.. by Stephen Gray
Cr. Comput.	S	p130	a	TRS-80 Double Size Characters by Fred Blechman
Cr. Comput.	O	p170	a	TRS-80 Strings: Mondrian Art, Assembly Lang., etc... by Stephen Gray
Cr. Comput.	N	p42	a	TRS-80 Level III BASIC by David Bunnell
Cr. Comput.	N	p178	a	TRS-80 Strings: Graphics, etc... by Stephen Gray
Cr. Comput.	D	p154	a	TRS-80 Strings: Soundware, etc... by Stephen Gray
Dr. Dobbs	Je	p50	l	RSL II's Memory Map by Greg Perry
Dr. Dobbs	O	p42	l	More Help with the TRS-80 (keyboard) by Arne Rohde
EDN	Mr20	p75	a	TRS-80 routine converts hex to decimal by Sam Butt
EDN	Ag20	p67	a	TRS-80 routine sorts strings by Henry Riekers
Interf. Age	My	p20	a	TRS-80 Assembler Fix (Level I)...Dump It by Mike Wolf
Interf. Age	Je	p17	a	The Column: Four Exciting New Developments for TRS-80 Users with Level I by Michael P Shepanski
Interf. Age	Je	p87	a	Interfacing A Numerical Processor Chip to the TRS-80 (AM-9511) by James E Randall
Interf. Age	Je	p134	a	Generating Copies of TRS-80 Machine-Language Tapes by R B Johnson
Interf. Age	Ag	p10	c	Correction for Generating Copies of TRS-80 Mach. Tapes by Howard Knippling
Interf. Age	Jy	p52	a	Radio Shack Introduces the TRS-80 Model II by Carl Warren
Interf. Age	Ag	p60	a	Indexed-Sequential Files for the TRS-80 by Phil Slaughter
Interf. Age	Ag	p90	a	My TRS-80 Likes Me, When I Teach Kids How to Use It by Bob Albrecht
Interf. Age	O	p96	a	My TRS-80 Likes Me, When I Teach Kids How to Use It by Bob Albrecht
Interf. Age	D	p54	b	TRS-80 Microcomputer Technical Reference Handbook by Radio Shack
Interf. Age	D	p140	a	Using TRS-80 Graphic Codes by Woody Pope

MICROCOMPUTERS: RADIO SHACK TRS-80 continued

Kilobaud	Ja	p54	a	TRS-80 Tape Controller by Frank Rowlett
Kilobaud	F	p64	a	Inventory Control with the TRS-80 by John Yost
Kilobaud	F	p104	a	TRS-80 Level II Reference Manual Index by Sherman Wantz
Kilobaud	F	p140	a	Attack on the Pack! (Power Pack) by David Miller
Kilobaud	Mr	p128	a	Keyboard Interupt for the TRS-80 by Paul Klinger
Kilobaud	Ap	p20	1	Conversion to TRS-80 for Simpler Interest (Kilobaud) by George Bullitt
Kilobaud	Ap	p22	a	A Look at TRS-80 Peripherals by Robert Cowan
Kilobaud	Ap	p66	a	Free Speech Lessons for the TRS-80 by Jim Wright
Kilobaud	Ap	p84	a	Twin Cassettes for Your TRS-80 by Les Logan
Kilobaud	Ap	p120	a	A Look inside the TRS-80 by Andy Latovich
Kilobaud	Ag	p131	c	Correction for A Look In TRS-80 (Kilobaud Apr. '79 p120)
Kilobaud	My	p12	b	TRS-80 Microcomputer Technical Reference Handbook
Kilobaud	My	p94	a	A TRS-80 Cross-Index by John A Records
Kilobaud	My	p100	a	Graphing with the TRS-80 by Curtis Gerald
Kilobaud	Je	p26	a	"Monitor" Level II assembly language operting system by Rod Hallen
Kilobaud	Je	p32	a	TRS-80/Selectric Word Processor by Allan Domuret
Kilobaud	Je	p108	a	A Telephone Data Coupler for the TRS-80 by Fred Smith
Kilobaud	Jy	p39	a	Whip File Wipeouts, Append files with CLOAD by Robert L Pape
Kilobaud	Jy	p40	a	HUH? TRS-80 to S-100 Interface by Rod Hallen
Kilobaud	Jy	p58	a	Sargon Meets TRS-80 by Ronald H Bobo
Kilobaud	Jy	p76	a	A Circular Handle on Graphics by Allan S Joffe
Kilobaud	Jy	p112	a	Getting the Most out of Your TRS-80 by William L Colsher
Kilobaud	Ag	p38	a	Teleprinter Output for TRS-80 by David Morr
Kilobaud	Ag	p114	a	Machine-Language Monitors for the TRS-80 by Robert Edmonds
Kilobaud	S	p138	a	TRSpeed-up by Scott King
Kilobaud	O	p44	a	An Inexpensive TRS-80 Printer Interface by Sherman Wantz
Kilobaud	O	p48	a	Expanded TRS-80 Disk Operations by Allan Domuret
Kilobaud	O	p72	a	More TRS-80 Horsepower-adding 16K of memory and "Level III" BASIC by Ronald Cowart
Kilobaud	N	p42	a	Stringy Floppy Encore (TRS-80 Version) by Jim Perry
Kilobaud	N	p66	a	Text Editing for the TRS-80 by Roland Abe
Kilobaud	N	p78	a	Let's Look at NEWDOS+ by H S Gentry
Kilobaud	N	p100	a	Expanded TRS-80 Disk Operations (Part 2) by Allan Domuret
Kilobaud	N	p116	a	The TRS-80 Dial-a-Phone by Allan S Joffe
Kilobaud	D	p8	b	Introduction to TRS-80 Graphics by Don Inman
Kilobaud	D	p8	b	TRS-80 Assembly Language Programming by Willaim Barden
Kilobaud	D	p114	a	Peak Your TRS-80 Display by David Miller
onComputing	Su	p40	a	A User Reviews the Radio Shack TRS-80 by Richard Shuford
PCW	Ja	p33	a	TRS-80 Level II BASIC with a few helpful mod's by P J Turner
PCW	Jy	p60	a	Tandy TRS-80, The Soft Cursor (Graphics) by M O Benjamin
Per. Comput.	Ja	p30	a	PET vs. TRS-80 by Paul Wiener
Per. Comput.	F	p41	a	No More Plugging/Unplugging by Dave Rose
Per. Comput.	F	p46	a	Me and My TRS-80 by Marolyn Pinney
Per. Comput.	F	p47	a	TRS-80 Games: Craps,Guess-A-Number,Bagles,Friend Game by Marolyn Pinney
Per. Comput.	Je	p54	a	Tired of Typing GOTO? Try T-Bug by William Colsher
Per. Comput.	Ag	p9	1	City for the TRS-80 by Robert McDaniel
Per. Comput.	O	p89	a	Product Close-Up: BASIC-1P, Run Level I on Level II Easily by William Colsher
Per. Comput.	N	p8	1	TRS-80 Line Renumbering by Theodore Cannell
Per. Comput.	N	p56	a	Alien Names Made Easy by Donald Fairhurst
Per. Comput.	D	p38	a	Apparat's NEWDOS by Bryan Mumford
Radio Elec.	N	p43	a	Build This: TRS-80 Breadboard by J Titus, C Titus & D Larsen
Radio Elec.	D	p51	a	Build This: TRS-80 Breadboard, Part 2 by Titus, Titus, Larsen
Rec. Comput.	Ja	p15	a	TRS 80: The MEMORY GAME by Ramon Zamora
Rec. Comput.	Ja	p16	a	TRS 80: Miles per Gallon Program by Milan Chepko
Rec. Comput.	Ja	p29	a	An Electronic Desk Calendar by Clyde Farrell
Rec. Comput.	Ja	p52	a	TRS-80: Concept Game by Ramon Zamora
Rec. Comput.	Mr	p21	a	TRS-80: 3D Plots by Milan Chepko
Rec. Comput.	My	p44	a	TV Test Pattern (TRS-80) by Milan Chepko
Rec. Comput.	My	p56	a	China Tradesman: Taipan (TRS-80)
Rec. Comput.	Jy	p16	a	Don't SET your Graphics; PRINT Them (TRS-80) by Clyde Farrell
Rec. Comput.	S	p31	a	TRS-80: Game of Life by G E Fleming
Rec. Comput.	N	p27	a	TRS-80: Elementary Math by Karen Chepko
Rec. Comput.	N	p34	a	TRS-80: Tower of Hanoi by Herbert Dershem
Rec. Comput.	N	p46	a	TRS-80 BINGO by Karen Chepko
Rec. Comput.	N	p47	a	TRS-80: Loan Payment by Milan Chepko
73	S	p96	a	No More TRS-80 Cassette Woes - E-Z Loader does the trick by Paul Goetz & David Miller
73	D	p96	a	My TRS-80 Is Here...Now What? - first steps in programming by Allan Joffe
80-U.S.	Ja	p33	b	Radio Shsck's TRS-80 Technical Manual by T R Dettmann
80-U.S.	Mr	p13	a	Now The TRS-80 Has Fortran by T R Dettmann

MICROCOMPUTERS: RADIO SHACK TRS-80 continued

80-U.S.	Mr	p18	a	The Better Byte Box (Tape Loading Aid) by Ray Thompson
80-U.S.	Mr	p20	a	System Command: Shades of Gray on the TRS-80 by Phil Pilgrim
80-U.S.	Mr	p43	a	A Note on Disk BASIC
80-U.S.	Jy	p13	a	The Great Turn On, Set and Point Enhancments by Leo Christopherson
80-U.S.	Jy	p18	a	Moving Up to Level II by T Dettmann
80-U.S.	Jy	p40	a	Product Review: The Data Dubber by M Schmidt
80-U.S.	S	p49	b	TRS-80 Assembly Language Programming- Radio Shack by William Barden
80-U.S.	S	p51	a	Hardware Review: 8100 and Mini 8100 TRS-80 to S-100 Adapters by Rod Hallen
80-U.S.	S	p53	a	Hardware Reviews: Increase TRS-80 Operating Speed and Print Module by Rod Hallen
80-U.S.	N	p24	a	CRT Support by H F Sturgis
80-U.S.	N	p54	a	Software Review: TDISK, FLEXL & ATERM by Roy Groth

MICROCOMPUTERS: SOL

Dr. Dobbs	F	p42	1	POW! Modified for SOLOS by Leonard Morgenstern
Dr. Dobbs	O	p42	1	Interfacing an H-14 to a SOL by Stephen Grant
Dr. Dobbs	N	p46	a	Interfacing My Home Computer To A Large Scale System by Glenn Story
Kilobaud	F	p56	a	Disk Power! (Which Disk for You, Helios) by Ronald Parsons
Kilobaud	S	p56	a	Interfacing SOL with a Vista Disk by Fr Thomas McGahee

MICROCOMPUTERS: SWTPC

Dr. Dobbs	Ap	p45	1	Simple Patch for SWTBUG by Noel M Moss
Dr. Dobbs	My	p25	a	Patches to SWTPC BASIC: Change Output Format of Numbers by Robert L Pigford
Dr. Dobbs	My	p28	a	Patching The SWTPC Co-resident Editor-Assembler by Geoffrey A Gass
Dr. Dobbs	Ag	p43	c	Patching SWTPC Co-Resident Editor-Assembler (DDJ #35 p32) by Geoffrey A Gass
Dr. Dobbs	Je	p48	1	Adding Clk to SWTPC by Chesley H Looney
Interf. Age	Jy	p60	a	System of the Month: Southwet Technical Products' 6809 Custom Series by Carl Warren
Interf. Age	Ag	p102	a	Speeding Up Your SWTP 6800 by Harry Fair
Kilobaud	Ja	p22	a	An Editor for 6800 BASIC Programs by Peter A Stark
Kilobaud	Je	p125	c	Correction for Editor for 6800 Basic (Kilobaud Jan '79 p22)
Kilobaud	Ja	p94	a	Baud Rate Control for the SWTP by Glen Deibert
Kilobaud	Ja	p95	a	Short Program to Print SWTP Instruction Code by Richard Wright
Kilobaud	Mr	p58	a	Some Thoughts on the SWTP Computer System by Peter Stark
Kilobaud	Je	p36	a	Some Thoughts on the SWTP Computer System by Peter Stark
Kilobaud	Jy	p100	a	Thoughts on the SWTP Computer System by Peter Stark
Kilobaud	Ag	p46	a	Thoughts on the SWTP Computer System by Peter Stark
Kilobaud	S	p55	a	Serial Output for the SWTP Editor-Assembler by Marc Leavey
Kilobaud	S	p70	a	Thoughts on the SWTP Computer System by Peter Stark
Kilobaud	O	p30	a	Thoughts on the SWTP Computer System by Phillip Schuman & Peter Stark
Kilobaud	O	p88	a	Video DMA Interface for SWTP Systems by Dewey Holten & Jerry Boehme
Kilobaud	N	p86	a	Thoughts on the SWTP Computer System (Look at the Percom Disk System) by Phillip Schuman & Peter Stark
Kilobaud	D	p62	a	An Inexpensive and Easy EPROM Board (SWTP) by R D "Slim" Cummings
Kilobaud	D	p78	a	6800 Tape System (SWTP) by John Glidewell
PCW	Ag	p39	a	High-Speed Software Cassette Interface for the SWTP 6800 System by David Isaac
Per. Comput.	Ja	p35	a	8K BASIC in PROM for 6800 Systems (SWTP BASIC Ver2.0) by Samuel Green
"68" Micro	F	p7	a	SWTPC MP-09 (6809) CPU Board
"68" Micro	My	p11	1	SWTPC DMF-1 Clarification by Dan Meyer
"68" Micro	Jy	p17	a	Improved Boot for SWTPC Mini Disk System by Allen Clark & Al Tejera
"68" Micro	Ag	p34	a	SWTPC Reset Fix by Peter Bennett
"68" Micro	S	p13	a	SWTPC 6809 Board Review
"68" Micro	N	p11	a	SWTPC DMAF-2 Disk System review
73	Jy	p84	a	Baudot Hard Copy For Your SWTPC-noisy, but cheap by Garry Caudell

MICROCOMPUTERS: TEXAS INSTRUMENTS

Cr. Comput.	Ag	p28	a	Equip. Profile: Texas Instrument 99/4 Home Computer by David Ahl
Dig. Design	Jy	p68	a	Product Highlight: TI-99/4 Speaks BASIC But Lacks Pascal/Assembly Lang.
Electronics	Je21	p93	a	There's Life After TI by Larry Marion
Interf. Age	Ag	p50	a	The TI-99/4 Home Computer by Carl Warren
Per. Comput.	Ag	p90	a	Texas Instruments Home Computer by Russ Walter
Rec. Comput.	S	p9	a	The Sounds from Texas Instruments by Don Inman
Rec. Comput.	N	p40	a	Texas Instruments Graphics & Instrumentaion by Don Inman

MICROCOMPUTERS: OTHER

Byte	S	p182	a	The AMSAT-GOLEM-80 by Joe Kasser
Cr. Comput.	F	p20	a	VideoBrain Uses APL/S by Stephen Gray
Cr. Comput.	Mr	p84	a	Equip. Profile: Video Brain by David Ahl
Rec. Comput.	Mr	p58	a	The Kid's Review: Videobrain
Cr. Comput.	Jy	p26	a	Equip. Profile: APF PeCos One by Randy Heuer

MICROCOMPUTERS: OTHER continued

Cr. Comput.	S	p46	a	Instructo Paper Computer by Randy Heuer
Cr. Comput.	N	p36	a	Equip. Profile: Interact Computer by Steve North
Cr. Comput.	D	p104	a	"Turn-Key" CP/M Systems by James Frantz
Dr. Dobbs	O	p42	1	More Ithaca Audio Z-80 Mods (addition to DDJ May '79 p50) by R A Hoffman
Elec. Des.	Jy5	p62	a	The Desktop Computer emeges as a powerful engineering tool by Frank Ryan & Albert Sperry
Interf. Age	Mr	p115	a	Help Your Computer Keep Its Cool (Polymorphic) by Alfred A Adler
Interf. Age	Je	p90	a	System of the Month: The Sord Mark II Series by Tom Fox
Interf. Age	Jy	p14	a	The Column: The Altair 680 Bus Structure by Jon McCallum
Kilobaud	Je	p44	a	New Life for Our Altair by Harley Dyk
Interf. Age	Ag	p58	a	INTELLIVISION Another Step Towards A Computer In Every Home by Kathy Nehira
Interf. Age	Ag	p106	a	System of the Month, Pertec Computer's PCC 2000 by Tom Fox
Interf. Age	O	p86	a	System of the Month: Alpha Micro by Tom Fox
Interf. Age	N	p145	a	System of the Month: Cromemco System Three by Tom Fox
Kilobaud	Je	p110	a	The Cromemco Z-2D by Steven Roberts
PCW	O	p38	a	Bench Test: The Cromenco System Three by Sue Eisenbach
Interf. Age	D	p88	a	System of the Month: Industrial Micro Systems Series 8000 by Tom Fox
Kilobaud	Mr	p84	a	SKIP II: A Very Inexpensive Microcomputer (SC/MP II) by Thomas Bohon
Kilobaud	Jy	p90	a	Super Starter Kit (Technico 9900 kit) by Richard Mataka
Kilobaud	Ag	p94	a	The PAIA 8700 by Rod Hallen
Kilobaud	O	p40	a	PAIA 8700 Revisited by Rod Hallen
Kilobaud	O	p124	a	AMI's EVK Series by David L Tietz
Kilobaud	N	p82	a	AMI's EVK Series by David Tietz
Kilobaud	D	p84	a	AMI's EVK Series Part 2 The Hardware by David Tietz
Kilobaud	N	p142	a	Have a Ball with Bally by Richard Nitto
Kilobaud	D	p26	a	A Front Panel Computer for the S-100 Bus (Ithaca Audio DPS-1) by William Stark
PCW	Mr	p25	a	On Your Mark, Get Set: Using the MK 14 by Clifford Clark
PCW	Mr	p43	a	16 Bits of Power, Homebrew TMS9900 based computer by Caspar Bowden
PCW	Ap	p31	a	Vector Graphics MZ by Sheridan Williams
PCW	Je	p35	a	PCW Review: The MSI 6800 System One by Stuart Danton
PCW	O	p71	a	UK's First Ever Look at the Sharp MZ-80K
PCW	D	p42	a	Bench Test: The Micromation Z-Plus by Sue Eisenbach
Pop. Elec.	My	p88	a	Computer Bits: 16-bit Microprcessors by Hal Chamberlin
Radio Elec.	Jy	p26	a	Equipment Report: RCA CDP18S020 COSMAC Evaluation Kit
"68" Micro	S	p20	a	TANO 6800 System Review

MICROPROCESSORS: GENERAL

Cr. Comput.	F	p67	b	Microprocessor Basics by Michael Elphick
EDN	Ap5	p99	a	Learn the peculiarities of low end uC architectures by Robert Cushman
Interf. Age	Ap	p32	a	From the Fountainhead; Availability of New Microprocessor Chips by Adam Osborne
Interf. Age	Ap	p119	b	Microprocessors by Rodney Zaks
PCW	Mr	p61	b	Microprocessors- From Chips to Systems by Rodnay Zaks
PCW	Jy	p37	a	Practising a little Micro-Control by Mike Dennis

MICROPROCESSORS: SELECTION GUIDES

Byte	My	p212	a	Compare New Processors Carefully by David P Kemp
Dig. Design	Ap	p28	a	uP Selection Some Do's and Don'ts by Paul Snigier
EDN	Ag5	p71	a	16-bit microprocessors by Sam Davis
EDN	O 20	p133	a	EDN's Sixth Annual uP/uC Chip Directory by Robert Cushman
EDN	N 20	p185	a	Use a systematic procedure to evaluate new uPs (Z8000) by jack Hemenway
Elec. Des.	O 11	p27	a	Bipolar, 16-bit, high-speed CPU thrives on broad support base (9445) by Dave Bursky
Elec. Des.	N 22	p49	a	Microprocessor Data Manual by Dave Bursky

MICROPROCESSORS: 1802 (COSMAC)

Byte	Je	p146	a	The 1802 Op Codes by Henry Melton
Dr. Dobbs	Je	p28	a	What's a Cosmac? by Karl Mosgofian
Dr. Dobbs	Ag	p17	a	A Floating Point Subroutine Package for the 1802 by Paul Wasserman
EDN	Mr5	p62	a	1802 code implements calculated jumps by James Lynch
Kilobaud	Mr	p122	a	Programming the 1802 by Robert Cotter
Kilobaud	Ap	p34	a	DOTS (Character Generation on the 1802) by Tom Pittman
Kilobaud	Je	p68	a	Putting the 1802 on the S-100 Bus by Bob Petty
Kilobaud	Jy	p78	a	1802 PILOT by R W Petty
Kilobaud	D	p116	a	Tiny Text Editor for the 1802 by R Petty
Per. Comput.	Mr	p20	a	Tiny BASIC and COSMAC by Tom Pittman
Radio Elec.	Ja	p58	a	Build This: NOM Card For the 1802, Part 2 by L Steven Cheairs

MICROPROCESSORS: 6502

Dr. Dobbs	Ja	p32	a	Add A Trap Vector for Unimplemented 6502 Opcodes by Carl W Moser

MICROPROCESSORS: 6502 continued

Dr. Dobbs	O	p38	a	Common Instructions of the 6800 and 6502 by T G Tan
EDN	My5	p34	b	Programming the 6502 by Rodnay Zaks
EDN	S 5	p113	a	6502 routines aid debugging by Don Sharpiro
EDN	S 5	p119	a	6502 routine multiplies signed numbers by Arch Robinson
Elec. Des.	Je21	p106	a	The 6500 uP family's flexible structure boosts throughput & mem. eff. by Dennis Starbuck
Kilobaud	Je	p97	a	A "Sneaky Interrupt" for the 6502 by James A Van Dyke
Kilobaud	Jy	p12	b	Programming a Microcomputer: 6502 by Caxton Foster
Kilobaud	Jy	p124	a	The 6502 and Its Little Brothers by Rod Hallen
Micro	Je	p29	a	6502 Information Resources Updated by William Dial
Micro	S	p53	a	8080 Simulation with a 6502 by Dann McCreary
Micro	F	p29	a	6502 Bibliography Part VIII by William R Dial
Micro	Mr	p47	a	6502 Bibliography Part IX by William R Dial
Micro	Ap	p35	a	6502 Bibliography Part X by William R Dial
Micro	Jy	p61	a	6502 Bibliography Part XI by William R Dial
Micro	Ag	p53	a	6502 Bibliography Part XII by William R Dial
Micro	O	p61	a	6502 Bibliography Part XIII by William R Dial
Micro	N	p61	a	6502 Bibliography Part XIV by William R Dial
Micro	D	p77	a	6502 Bibliography Part XV by William R Dial

MICROPROCESSORS: BIT SLICE

Comp. Des.	O	p105	a	Bit Slice Technique Minimizes Microcontroller Cost/Complexity by David Hooley
Comp. Des.	D	p134	a	8-bit Slice ECL Computer Component Family (Fairchild) by Paul Chu
Elec. Des.	Ja18	p90	a	To cut controller costs, replace random logic with microcoded bit slices by Stephen Lau & Mike Janak
Elec. Des.	F 15	p128	a	Let a bipolar processor do your control & take advantage of its hi-speed by Stephen Y Lau
Elec. Des.	My24	p118	a	Boost bit-slice microsequencer speed: Choose from 8 different circuits by Dale Mrazek & Max Boron
Elec. Des.	O 11	p118	a	Bipolar processor makes a poerful, 16-bit microprogrammable controller by Bill Harmon & Warren Miller
Elec. Des.	D 20	p66	a	Micromachine: fast enough for Winchester, but adaptable to many interf. by Brewster Porcella

MICROPROCESSORS: F-8

Dr. Dobbs	O	p4	a	Tiny BASIC for the F8 by Jerry D Fox
EDN	S 20	p74	a	F8 routine swaps registers by Gary Francher
Interf. Age	Ja	p94	a	The F8 Finds A Home As A Peripheral Processor by Russell Fish III

MICROPROCESSORS: INTEL, 2920, 8048, 8080, 8085, 8086

Byte	Ja	p179	a	Single Stepping (w/ software) the 8080 Processor by Charles Sharp
Byte	Ap	p192	c	Correction for: Single Step 8080 (Byte Jan. '79 p179)
Byte	My	p226	b	Practical Microcomputer Programming: The INTEL 8080 by W J Weller, A V Shatzel & H Y Nice
Byte	Jy	p222	a	Intel 8080 Microprocessor Instruction Set by R S Clist
Byte	N	p14	a	The Intel 8086 by Steve Ciarcia
Comp. Des.	Jy	p91	a	Comparing Architectures of Three 16-Bit Microprocessors by Henry Davis
Dig. Design	N	p78	a	Watchdog Circuit for uC-Based System (8022) by Lionel Smith
Dr. Dobbs	Ap	p28	a	Unspecified 8085 Op Codes Enhance Programming by Wolfgang Dehnhardt & Villy M Sorensen
Dr. Dobbs	Ag	p30	a	Hardware Relative Addressing for the 8080 by John Beetem
Dr. Dobbs	S	p41	1	What's an 8080 Compatible Program? by William Detwiler
Dr. Dobbs	S	p42	1	XS Flag in 8085 Op Code by Darrel J Van Buer
EDN	Ja20	p81	a	As you get to know the 8086, use your 8-bit expertise by Jack Hemenway & Edward Teja
EDN	F 20	p64	c	Shorten EDN's 8086 I/O routines (EDN Jan '79 p81) by Jack Hemenway
EDN	Mr20	p118	a	Adding floppies to an 8086 paves the way for system software by Jack Hemenway & Edward Teja
EDN	Ag20	p125	a	8080 Clock provides two phases by Vaughn Martin
Elec. Des.	Mr15	p76	a	CPU brings 16-bit performance to 8-bit systems (8088) by John Bartlett & Rafi Retter
Elec. Des.	Mr29	p102	a	Free the uC's CPU from I/O hassles with a special I/O processor (8089) by Dave Stamm, Stan Kopec & Bruce McCormick
Elec. Des.	S 27	p50	a	First single-chip signal processor simplifies analog design (2920) by Robert E Holm
Elec. Des.	N 8	p70	a	Program a spectrum analyzer on a one-chip realtime signal processor 2920 by Robert E Holm
Elec. Des.	D 6	p106	a	Developement system facilitates programming of signal proc. chip 2920 by Charles Yager
Electronics	Ja18	p144	a	Unspecified 8085 op codes enhance programming by Wolfgang Dehnhardt & Villy M Sorensen

MICROPROCESSORS: INTEL, 2920, 8048, 8080, 8085, 8086 continued

Electronics	Mr1	p105	a	Single-chip n-MOS microcomputer processes signals in real time by M E Hoff & Matt Townsend
Interf. Age	Ja	p124	b	8080 Machine Language Programming for Beginners by Ron Santore
Interf. Age	F	p94	a	Z-80: Is It Really Better? by Rod Hallen
Interf. Age	Ag	p69	a	A Report on the Intel 8085 by Ralph L Place
Kilobaud	Ap	p56	a	How to Talk to Your 8080 (Flags and Certain Instructions) by Ken Knecht
Kilobaud	My	p46	a	How to talk to your 8080 (stack and hand assembling) by Ken Knecht
Kilobaud	My	p82	a	Kilobaud Klassroom No. 18 Processor Connections by Peter Stark
Kilobaud	S	p12	b	8080/8085 Software Design by Titus, Rony, Larsen, Titus
Micro	S	p53	a	8080 Simulation with a 6502 by Dann McCreary
Radio Elec.	Ja	p64	a	Computer Corner: A look at Intel's 8085 and the MCS-48 uP Family by William Barden
Radio Elec.	Ag	p70	a	Computer Corner: A Look at the 8085 and how it compares to the 8080 by Rony, Titus, Larsen & Titus

MICROPROCESSORS: MOTOROLA, 6800, 6809, 68000

Byte	Ja	p14	a	A Microprocessor for the Revolution: The 6809 Part 1: Design Philosophy by Terry Ritter & Joel Boney
Byte	Ja	p51	b	Scelbi "6800" Software Gourmet Guide and Cookbook by Robert Findley
Byte	F	p32	a	The 6809 Part 2: Instruction Set Dead Ends, Old Tails & Apologies by Terry Ritter & Joel Boney
Byte	Mr	p46	a	A Microprocessor for the Revolution: The 6809 Part 3: Final Thoughts by Terry Ritter & Joel Boney
Byte	Mr	p184	a	Filling 6800 Op Code Holes by Robert Jones
Byte	My	p30	a	M6809 is Silicon by Terry Ritter & Joel Boney
Byte	Ag	p128	1	6809 Commentaries, Continued... Don't Be So Superficial! by Jim Howell
Byte	Ag	p129	1	6809 Commentaries, continued by Richard F Serge
Byte	Ag	p170	a	A Preview of the Motorola 68000 by A I Halsema
Comp. Des.	Ag	p170	a	Interfacing Fundamentals: An Intro to the Motorola uP/uC Family by Staugaard, Titus, Titus, Larsen & Rony
Comp. Des.	S	p142	a	Interfacing Fundamentals: The 6800 Instruction Set by Staugaard, Rony, Larsen, Titus & Titus
Comp. Des.	O	p147	a	Interfacing Fundamentals: 6800 I/O and System Configuration by Titus, Titus, Staugaard, Rony & Larsen
Comp. Des.	N	p151	a	Interfacing Fundamentals: 6802 and 6808 Microprocessors by Larsen, Rony, Titus, Titus & Staugaard
Comp. Des.	D	p112	a	Interfacing Fundamentals: The 6801 Single Chip Microcomputer by Staugaard, Titus, Titus, Larsen & Rony
Cr. Comput.	Ja	p102	b	The 6800 Microprocessor by Lance Leventhal
Dig. Design	S	p62	a	Single Chip 6801 Offers Increased Versatility--Part I by James Farrell
Dig. Design	O	p42	a	Single Chip 6801 Offers Versatility - Part 2 by James Farrell
Dr. Dobbs	Mr	p38	a	A Closer Look at the MC68000 by Curtis Roads
Dr. Dobbs	Ag	p27	a	Context Switch for the 6800 by M Mickelsen & N Worth
Dr. Dobbs	Ag	p39	1	Reentrant Routines for the 6800 by Harry B Stewart
Dr. Dobbs	O	p38	a	Common Instructions of the 6800 and 6502 by T G Tan
Elec. Des.	Ag2	p76	a	Understand the innner workings of the 6801 by Pern Shaw, Dale Littwin, Paul Shannon & Bob Thompson
Elec. Des.	S 13	p112	a	Develop software for 16-bit uC without making costly commitments(M68000) by Jack E Kister & Raymond H Naugle
Elec. Des.	S 27	p70	a	Compact instructions give 68000 power while simplifying its operation by Thomas Starnes
Elec. Des.	O 25	p98	a	uProgramming makes the MC68000 a processor ready for the future by Heather Bryce
Elec. Des.	N 8	p58	a	Learn the timing and interfacing of MC68000 peripheral circuits by John Stockton & Victor Scherer
Electronics	S 27	p122	a	How a 16-bit uP makes it in an 8-bit world (6809) by Mitch Gooze'
Electronics	O 11	p118	a	16-bit 68000 microprocessor camps on 32-bit frontier by Brad Hartman
Electronics	D 6	p143	a	Microcomputer can stand alone or join forces with other chips (6801) by David Wayne Smith
Kilobaud	Je	p48	a	TVBUG by Tim Ahrens
Kilobaud	D	p100	a	Build a SISTER for Your 6800 (Single Step etc) by Ray Boaz
PCW	Mr	p35	a	Motorola on Sixteen Cylinders (6809) by Graham Trott
PCW	Jy	p51	a	Getting in the Swim (Machine independent monitor for 6800) by David Goadby
PCW	N	p82	a	Bugging the 6800 (Monitor) by John Moore
PCW	D	p90	a	Bugging the 6800 continued
Per. Comput.	Ja	p83	b	6800 Assembly Language Programming by Adam Osborne Associates
"68" Micro	F	p4	1	General 6800 State (Historic Comments) by Don Williams
"68" Micro	My	p23	a	6809 Emulator by the Micro Works by Ted Feintuch
"68" Micro	Ag	p5	a	6809 for the 6800 by Byron Seastrunk
"68" Micro	S	p14	a	6809 SS-50 Bus Alterations and Bus Line Description

MICROPROCESSORS: MOTOROLA, 6800, 6809, 68000 continued

"68" Micro	S	p15	a	6809 Documented and Undocumented Indirect Vector Addresses
"68" Micro	S	p17	1	6800 Patches to GIMIXBUG v2.0 & 2.3 etc by Richard Don
"68" Micro	N	p19	a	6809 Patches to NEWDISK command by John Byrns
"68" Micro	N	p34	a	Programming the 6809 by Terry "Tex" Ritter

MICROPROCESSORS: SC/MP

Byte	N	p172	a	Five Useful Programs for the SC/MP by Charles A Kapps
Dr. Dobbs	Ja	p34	a	A Mastermind Player for the National SC/MP Microprocessor by Charles Kapps
Kilobaud	Mr	p84	a	SKIP II: A Very Inexpensive Microcomputer (SC/MP II) by Thomas Bohon
PCW	S	p52	a	The Memory Lingers On, SC/MP UVEPROM Burner by John Stephenson

MICROPROCESSORS: TMS-9900

Byte	Mr	p14	a	A Map of the TMS-9900 Instruction Space by Henry Melton
Byte	My	p128	a	TMS-9900 Monitor by Jeremy O Jones
Comp. Des.	Jy	p91	a	Comparing Architectures of Three 16-Bit Microprocessors by Henry Davis
Elec. Des.	Je21	p74	a	Take adv. of the 9900's minicomputer inst. set & seperate bus structure by Henry Davis
Elec. Des.	Jy5	p76	a	A minilike mem. architecture, flexible I/O and powerful support set 9900 by Gary Brown
Electronics	Mr1	p140	a	Getting the most out of the 9900 for real time control by Henry Davis
Interf. Age	Ag	p138	a	A Versatile Memory Test for the TMS9900 by Tom Morris
Kilobaud	Jy	p90	a	Super Starter Kit (Technico 9900 kit) by Richard Mataka
Kilobaud	N	p140	a	Introduction to the TMS-9900 by Richard Rodman
PCW	Mr	p43	a	16 Bits of Power, Homebrew TMS9900 based computer by Caspar Bowden

MICROPROCESSORS: ZILOG, Z8, Z80, Z8000

Byte	Mr	p80	a	Preview of the Z-8000 by Ira Rampil
Byte	Ag	p218	b	Practical Microcomputer Programming: The Z-80 by W J Weller
Comp. Des.	Jy	p91	a	Comparing Architectures of Three 16-Bit Microprocessors by Henry Davis
Cr. Comput.	Ap	p142	b	Z80 Programming for Logic Design by Adam Osborne
Dr. Dobbs	N	p60	b	Z-80 Assembly Language Programming by Lance Leventhal
Dr. Dobbs	N	p61	b	The Z-80 Microcomputer Handbook by William Barden
EDN	F 20	p37	b	Z80 Microcomputer Handbook by William Barden
EDN	N 20	p185	a	Use a systematic procedure to evaluate new uPs (Z8000) by Jack Hemenway
Elec. Des.	O 25	p90	a	Learn to apply the power of the Z8002 by study of small 16-bit computer by Robert Korody & Peter Alfke
Elec. Des.	N 22	p144	a	Z-bus & peripheral support packages tie distributed computer systems by John Banning
Interf. Age	F	p94	a	Z-80: Is It Really Better? by Rod Hallen
Interf. Age	Mr	p124	b	The Z-80 Microcomputer Handbook by William Barden
Interf. Age	D	p52	b	Z-80 Assembly Language Programming Manual by Zilog
PCW	Jy	p47	a	Hello Z8000 by Mike Lord
80-U.S.	Jy	p29	b	Practical Microcomputer Programming: The Z80 by W J Weller

MICROPROCESSORS: OTHER

EDN	Ja5	p83	a	Are Single-chip uCs the universal logic of the 1980's by Robert Cushman
Elec. Des.	Ja18	p76	a	Take advantage of bipolar computing power with a micro (9440) by Ashok Suri, Peter Verhofstadt & Dan Wilnai
Elec. Des.	Je7	p112	a	Design cost effective appliance controls with a Single chip (S2000) by Richard Nedbal & Marilyn Hicks
Elec. Des.	O 11	p27	a	Bipolar, 16-bit, high-speed CPU thrives on broad support base (9445) by Dave Bursky
Electronics	Ag30	p131	a	V-MOS chip joins uProcessor to handle signals in real time (AMI S2811) by Richard W Blasco
Electronics	N 22	p111	a	P2C-MOS microcomputer family attains n-MOS performance (NSC800) by George Simmons, Rich Burnley, Chuck Seaborg & Keith Winter
Kilobaud	D	p54	a	"Sample" the 6100 by James Downey

MODEMS

Compute	F1	p30	a	Review: DC Hayes Micro Modem by Michael Tulloch
Dig. Design	N	p72	a	Waveshaping in MODEM Transmitters by Howard Hwang
Elec. Des.	Ap12	p110	a	A freq-shift-keyed modem in LSI? All it takes for full duplex is 2 ICs by Ilhan Refioglu & Joe' Silverman
Elec. Des.	My10	p82	a	Modems: The key to interfacing digital data to analog telecomm lines by Alan Weissberger
Elec. Des.	S 13	p16	c	Correction for Modems Key to Interfacing (May 10,'79 Elec Des) by Walter Crosby
Elec. Des.	Ag2	p60	a	Fitting the modem to the application increases line efficiency cuts cost by Sid Adlerstein
Elec. Des.	S 13	p134	a	ICs control major elements-and costs- of 3-state modem trans., receivers by Joel Silverman & Ronald Miller

MODEMS continued

Interf. Age	Ja	p102	a	Why Not An Acoustic Coupled Modem? by Jack Whitmore
Kilobaud	Ja	p102	a	Keeping Ma Bell Happy (IDS 88-Modem) by Russell E Adams
Kilobaud	Je	p108	a	A Telephone Data Coupler for the TRS-80 by Fred Smith
PCW	Mr	p55	a	On the Line: Down To Basics, Line Signalling (telephone lines) by David Hebditch
PCW	My	p47	a	On the Line: Communications Inerfaces by David Hebditch
80-U.S.	Mr	p11	a	Is There A Modem In Your Future? by T R Dettmann

MUSIC AND SOUND

Byte	Ja	p104	a	Polyphony Made Easy by Steven K Roberts
Byte	Ap	p192	c	Correction for: Polyphony Made Easy (Byte Jan. '79 p106) by Steven Roberts
Byte	Jy	p34	a	Sound Off by Steve Ciarcia
Byte	Jy	p158	a	Creativity in Computer Music by Hubert S Howe
Byte	Ag	p213	1	Turn Your KIM into a Metronome by David Kellerman
Cr. Comput.	F	p42	a	Music Composition: A New Technique by Steven Roberts
Cr. Comput.	F	p44	a	Four Computer Records Reviewed by David Ahl
Cr. Comput.	Mr	p33	a	Per. Elec. Trans.: Machine Language, Music, etc.
Cr. Comput.	Ap	p74	a	Music Composition: A Different Approach by Nancy Altmayer
Cr. Comput.	Je	p48	a	The Music Men and Their Incredible Prinitng Machine by John Craig
Cr. Comput.	Je	p102	a	Equip. Profile: ALF/Apple Music Synthesizer by Steve North
Dr. Dobbs	Ja	p44	1	Bedazzled by Roger Coleman
Dr. Dobbs	Je	p33	a	A Look at Computer Music by Curtis Roads
EDN	Ap5	p71	a	Top-octave generators make beautiful music by Bill Schweber
Elec. Des.	Mr29	p110	a	Software controlled sound IC gives 'command performance' (GI AY-3-8910) by Steven Burstein, Tom Mariner & John Wunner
Electronics	Mr29	p120	a	Digital voltmeter has audible output by William S Wagner
Interf. Age	Mr	p54	a	Music of the Future by Dick Moberg
Interf. Age	Mr	p56	a	Spectral Music by G S Stiles
Interf. Age	Mr	p64	a	A Musical Synthesizer for the KIM-1 by Jed Margolin
Kilobaud	F	p42	a	Music, Maestro! (AD8 Synthesiser from ALF) by David Price
Kilobaud	My	p74	a	From Microcomputer to Micro-Piano by Brad Hale
Kilobaud	Ag	p52	a	MUSKBD, Music program for the SWTP 6800 System by Terry Perdue
Micro	Je	p17	a	A SYM-phony in Streo by Phillip Rinard
Micro	Je	p43	a	KIM - The Tunesmith by Anthony Scarpelli
PCW	Ja	p21	a	PLAY ON Computer Music--Some Thoughts on Data Storage by Paul Jessop
PCW	D	p61	a	Words and Music by NASCOM by Don Finlay
Per. Comput.	Jy	p17	a	1/f Random Tones, Making Music with Fractals by Anthony Scarpelli
Pop. Elec.	O	p100	a	Computer Bits: Modern Music by Leslie Solomon
Pop. Elec.	N	p110	a	Computer Bits: Computer Music by Hal Chamberlin
Rec. Comput.	Jy	p28	a	The Forte Music Programming Language by Jim Day
Rec. Comput.	S	p9	a	The Sounds from Texas Instruments by Don Inman
Rec. Comput.	N	p16	a	The Joy of Sound from SOUNDWARE (Press ENTER to Continue) by Doc Plumber
Rec. Comput.	N	p49	a	Making Music On The PET by Alfred Bruey
Rec. Comput.	N	p52	a	Choose-a-Title (Music) by Jack Taylor
"68" Micro	F	p20	a	6800 Software Tiny BASIC Music Generation by Noel Thompson
80-U.S.	My	p30	a	System/Command: Sound from the TRS-80 by Phil Pilgrim

NUMBER-BASE CONVERSION

Dr. Dobbs	Ja	p14	a	TUFIVE: An Improvement on Hexadecimal by Keneth A Simons
Dr. Dobbs	My	p15	a	Changing Bases by Theodore C Hines, Rosann Collins, Jerry Russell & Linda Spencer
EDN	Ja20	p59	a	SC/MP routine converts binary to BCD by J W Streater
EDN	F 5	p80	a	Short 8080 code converts hex to ASCII by Robin Teitzel
EDN	Mr20	p75	a	TRS-80 routine converts hex to decimal by Sam Butt
EDN	Ap5	p111	a	Conversion circuit handles binary or BCD (hardware) by R Srinivasan, R Ramesh & D Murthi
EDN	Ap20	p101	a	Short Z80 routine converts BCD to hex by John Kleiss
Electronics	My10	p124	a	Cascaded C-MOS blocks form binary-to-BCD converters by Haim Bitner
Interf. Age	Mr	p34	a	The Micro-Mathematician; Table for Hex to Decimal Convrsion by Alfred Adler
Interf. Age	Je	p35	a	The Micro-Mathematician: Program Convert (Hex to Decimal) by Alfred Adler
Interf. Age	O	p8	c	Correction for Conversions (Interface Age June '79 p38) by Jon Lindsay
Kilobaud	Ja	p20	c	Correction for Metric-American Conversion (Kilobaud Sept '78, p46)
Kilobaud	F	p19	c	Correction for Universal Number Convertor (Kilobaud Nov '78 p67) by W T Mallison
Kilobaud	Je	p96	a	Number Conversion by Rod Hallen
PCW	Ja	p27	a	Hexadecimal Conversion by David Simpson
PCW	Ja	p29	a	Decimal Hexadecimal Binnary Conversion Table by L F Heller
"68" Micro	S	p23	1	HEX to DEC Conversion TTYSET values by Jim Caldwell
"68" Micro	N	p28	a	General BASIC Number Conversion by Art Weller

PERSONAL COMPUTING

Byte	Mr	p42	b	Your Own Computer by Mitchell Waite & Michael Pardee
Byte	O	p186	a	Some Laws of Personal Computing by T G Lewis
Cr. Comput.	Ja	p102	b	Personal Computing: a Beginners Guide by David Bunnell
Cr. Comput.	Mr	p41	b	Your Own Computer by Mitchell Waite & Michael Pardee
Cr. Comput.	Ap	p44	a	For Women Only! Making Friends With That Home Computer by Lorraine Mecca
Cr. Comput.	N	p148	a	The Awakening: 9-year Old Talks by Detta Ahl
Cr. Comput.	N	p188	b	Personal Computing by Jim Huffman
Electronics	Je7	p87	a	Personal Computer market multiplies by John G Posa
Interf. Age	Ja	p67	a	1978 Microcomputer Survey
Interf. Age	Jy	p88	a	Pep Talk for Non-Technical Micro-Bugs by Karen S Wolfe
Interf. Age	N	p100	b	An Introduction to Personal and Business Computing by Rodnay Zaks
Kilobaud	Ja	p12	b	An Introduction to Personal and Business Computing by Rodnay Zaks
Kilobaud	Ja	p88	a	A Service Bureau for Hobbyists by Peter A Stark
Kilobaud	D	p9	b	The Personal Electronics Buyers Guide by C Sippl & R Sippl
onComputing	Su	p6	a	Getting Started by Elizabeth Hughes
onComputing	Fl	p17	b	Getting Involved With Your Own Computer by Leslie Solomon & Stanley Veit
onComputing	Fl	p30	a	Why Own a Computer? by Carl Helmers
onComputing	Fl	p65	b	Beginner's Guide to Home Computers by Marvin Grosswirth
onComputing	W	p68	a	Profile of Sol Libes by Larry Barnes
PCW	Mr	p61	b	An Introduction to Personal and Business Computing by Rodnay Zaks
Per. Comput.	Ja	p82	b	Home Computer Systems Handbook by Sol Libes
Per. Comput.	My	p70	b	Secret Guide To Computers by Russ Walter
Per. Comput.	Jy	p92	b	Personal Computers: What They Are and How to Use Them by Byron Wels
Rec. Comput.	Jy	p10	a	Computertown U.S.A.! by Louise Burton

PLOTTERS

Byte	F	p66	a	Another Plotter to Toy With by Peter Lucas
Byte	O	p140	a	The XYZ Phenomenon, Stereoscopic Plotting by Computer by William T Powers
Cr. Comput.	Je	p28	a	Equip. Profile: HIPLOT Digital Plotter by Randy Heuer
Dig. Design	D	p39	a	Plotters Lower Costs and Increased Variety to Come by Morris Smith
Elec. Des.	S 13	p108	a	Overlapping traces, closed toner system, print clear, record of data by Lindsay Miller
Elec. Des.	O 11	p173	a	Focus on Plotters: Under uP control, they bring complex images to reality by Dick Hackmeister
Interf. Age	F	p53	a	The Inventor's Sketchpad; 3-D Plotter by Roger Garrett
Kilobaud	Jy	p122	a	An Introduction to Microfilming (One hardcopy method) by Michael Schwartz
Micro	S	p5	a	Plotting a Revolution by John Sherburne
PCW	Ag	p47	a	SCALE, A General Purpose Graph Scaling and Plotting Program by Gillian Richmond
Per. Comput.	F	p75	a	Micro Graphics and X-Y Plotter by Kathe Spracklen
Per. Comput.	Mr	p70	a	The Micro-Graphics X-Y Plotter, Part 2 by Kathe Spracklen

POWER SUPPLIES

Dig. Design	Mr	p32	a	Power Supply Systems For Computer-Based Applications by J McNulty
EDN	Je5	p182	a	Convert +5V to regulated +-15V by Dick George
EDN	Ag20	p93	a	Designer's Guide to: IC Voltage Regulators - Part 1 by Robert Dobkin
EDN	S 5	p199	a	Designer's Guide to: IC Voltage Regulators - Part 2 by Robert Dobkin
Elec. Des.	My24	p164	a	One-shot serves as missing pulse detector spots loss of ac line quickly by William Kraengel
Elec. Des.	My24	p166	a	CMOS Schmitt trigger senses overvoltage in precision crowbar circuit by Wm Scott Roleson
Elec. Des.	Jy19	p122	a	Comparator detects power-supply overvoltages, catches glitches by Bradley Albing
Elec. Des.	Ag2	p98	a	Avoid supply-voltage & overload problems by defining before they happen by George Chryssis
Elec. Des.	Ag2	p119	a	Focus on switchers: Performance improves, features multiply by Jonah McLeod
Elec. Des.	D 20	p94	a	Current capacity of three-terminal regulator expands fivefold by Bob Haver
Electronics	Ap12	p130	a	Micropower regulator has low dropout voltage by Kelvin Shih
Electronics	Ag16	p115	a	Current source for I2L saves energy by Stephen H Nussbaum
Electronics	S 27	p126	a	Modifying a power supply to add programmability by Eric Kushnick
Ham Radio	Ja	p50	a	Adjustable Voltage 5-Ampere Power Supply by James Robbins
Ham Radio	F	p32	a	Time-Current Charging of Nickel-Cadmium Batteries by George Wilson
Ham Radio	O	p38	a	Building Low-Voltage DC Power Supplies by Joe Carr
Ham Radio	D	p66	a	Any-State Ni-Cad Charger by Bill Bretz
Pop. Elec.	My	p93	a	Miniature DC-DC Converter by Forrrest Mims
Radio Elec.	My	p44	a	What's New in Rechargeable Batteries by Walter Salm
Radio Elec.	Je	p64	a	All About Switching Power Supplies by L Steven Cheairs
Radio Elec.	Jy	p61	a	All About Switching Power Supplies Part 2 by L Steven Cheairs
73	F	p34	a	Custom-Designed Power Supplies - Try the 723 by Carl Griebno

PRINTERS

Byte	F	p44	1	TRS-80 Printer Use Hint
Byte	N	p98	a	Interfacing the PET to a Line Printer by P K Govind
Comp. Des.	Ja	p107	a	Trends in Computer Printer Technology by Irving Wieselman
Comp. Des.	S	p122	a	Print Quality Tradeoffs in Ink Jet Technology by James Hill
Cr. Comput.	My	p52	a	Equip. Profile: Malibu 160 Line Printer by Rod Hallen
Cr. Comput.	Je	p32	a	Computer Graphics With the Diablo by Tom McDonough
Cr. Comput.	Jy	p17	a	Equip. Profile: Integral Data System Brighter Writer by Victor Heyman
Cr. Comput.	Ag	p10	1	PET Printer by Phillip Schnell
Cr. Comput.	Ag	p32	a	A Printer for Your PET for Under $300 by Sol Friedman
Cr. Comput.	S	p38	a	Texas Instrument's 810/820 Printers: The "Best Buy" Printer? by J Tom Badgett
Cr. Comput.	O	p34	a	Heath H14 Printer by Jim Wright
Cr. Comput.	N	p32	a	Radio Shack's Low-Cost Quick Printer II by George Blank
Cr. Comput.	D	p28	a	On Buying a Word Processing Printer and other good fun by David Ahl & Steve North
Dig. Design	Mr	p50	a	Matrix Printing Optimizing LSI, Mechanics, Cost Performance
Dig. Design	S	p36	a	Which Printer Should You Select? by George Rea
Dig. Design	S	p48	a	New Digital Hard Copy Technologies by Alan Dawes
Dig. Design	D	p42	a	Small System Printers
Dr. Dobbs	O	p26	a	Producing Pictures on your Computer with a Diablo Printer by Jay C Bowden & Anna K Scharschmidt
Dr. Dobbs	O	p42	1	Interfacing an H-14 to a SOL by Stephen Grant
EDN	F 20	p69	a	OEM Printers by Sam Davis
Elec. Des.	Je21	p122	a	Focus on Printers: The application determines the type and technology by Dick Hackmeister
Elec. Des.	S 13	p108	a	Overlapping traces, closed toner system, print clear, record of data by Lindsay Miller
Ham Radio	D	p28	a	The Hellschreiber a Rediscovery (World War II Printer) by Hans Evers
Interf. Age	Mr	p120	a	Speed Up Your 'Slow' DECwriter II by William A Ruggirello
Interf. Age	D	p18	c	Correction for Decwriter Speed-Up (Interf. Age March '79) by Van Court Hare
Interf. Age	Ap	p102	a	High Performance, Low Cost New Printer (EPA) by Owen F Thomas
Interf. Age	Je	p52	a	The Inventor's Sketchpad: A Propelled Droplet Printer by Roger Garrett
Interf. Age	N	p66	a	Four New Printers: Centronics, Integral Data, MPI, Imapct Data by Carl Warren
Interf. Age	N	p92	a	Looking at Printers by Ray Lorenz
Kilobaud	Ja	p58	a	SHHH... People Are Sleeping (Telpar Printer to a KIM) by Charles R Carpenter
Kilobaud	Mr	p138	a	Telpar Thermal Printer (Apple Interface) by Chuck Carpenter
Kilobaud	Ap	p116	a	How about a Printer ? (Singer Friden HSP-30) by Jerry Sorrels
Kilobaud	Jy	p122	a	An Introduction to Microfilming (One hardcopy method) by Michael Schwartz
Kilobaud	Ag	p38	a	Teleprinter Output for TRS-80 by David Morr
Kilobaud	S	p100	a	Make PET Hard Copy Easy by James M Downey
Kilobaud	O	p44	a	An Inexpensive TRS-80 Printer Interface by Sherman Wantz
Kilobaud	O	p	a	Report on the Centronics 779 Printer by Glen A Deibert
Kilobaud	N	p134	a	ASCII-to-Selectric Software Driver by Robert Munn
Kilobaud	N	p158	a	A "Pentronics" System, PET IEEE to Centronics Interface by Bill Bajcz
Kilobaud	N	p166	a	How to Build a Word Processor by Tom Lukers
Kilobaud	D	p144	a	Converting Selectric Keyboards from BCD to Correspondence Code by Robert Weil
Micro	Jy	p5	a	A Baudot Teletype Driver for the Apple II by Robert Carlson
Micro	S	p34	c	Correction for Baudot Printer for Apple (Micro July '79)
onComputing	Fl	p6	a	A Printer Primer by Elizabeth Hughes
onComputing	Fl	p46	a	The Diablo Printer, A User Review by Ken Knecht
onComputing	Fl	p61	a	The Centronics Microprinter, A User Review by Steven Ciarcia
onComputing	Fl	p86	a	A Directory of Affordable Printers
Pop. Elec.	N	p63	a	How to Buy a Computer Printer by Alexander Burawa
Pop. Elec.	D	p39	a	FAX - The Quiet Giant by Daniel Costigan
Radio Elec.	Mr	p53	a	Printers For Personal Computers by Jeffrey Mazur
73	Jy	p84	a	Baudot Hard Copy For Your SWTPC-noisy, but cheap by Garry Caudell
80-U.S.	Ja	p9	a	Going First Class, Experience with a Selectra-Print
80-U.S.	Jy	p44	a	Interfacing the Integral Data 125 Printer by Truman Krumholz

PROGRAMMING: GENERAL

Byte	Ap	p6	e	On the Importance of Backups by Carl Helmers
Byte	Ap	p241	1	Note on an Easy Programming System by Mike Brown
Byte	My	p207	a	The Problem of Software Piracy Revisited: A Proposal by Vernon Vinge
Byte	S	p20	a	Introduction to Multiprogramming by Mark Dahmke
Byte	O	p70	a	Using Finite State Machines by David E Cortesi
Byte	O	p178	a	Case Statements and Related Topics by Peter Grogono
Cr. Comput.	F	p6	e	The Psychology of Consumer Programming by John Craig
Cr. Comput.	Je	p118	a	Software Copyright Forum
Cr. Comput.	S	p94	a	Infinite Loop Finders Revisited by W D Maurer
Cr. Comput.	O	p168	a	Software Legal Forum by Harold Novick
Cr. Comput.	N	p172	a	Software Legal Forum: Copyright of a collection of programs by Harold Novick

PROGRAMMING: GENERAL continued

Cr. Comput.	D	p152	a	Software Legal Rights: Enforcement of Software Rights by Harold Novick
Dig. Design	My	p107	a	Purchasing Microcomputer Software Isn't Easy by Lance Leventhal & William Walsh
Dr. Dobbs	N	p60	b	Assemblers, Compilers and Program Translation
EDN	Je5	p22	b	Program Style, Design, Efficiency, Debugging & Testing by D Van Tassel
Elec. Des.	Mr15	p84	a	uProgramming boosts computer power-especially if you can do it yourself by Jim Long & Ted Proske
Interf. Age	Ap	p119	b	Home Computer: 2E10 Questions and Answers Volume 2: Software by Rich Didday
Interf. Age	Je	p30	a	Jurisprudent Computerist: The Patentability of Computer Software by Leonard Tachner
Interf. Age	O	p18	a	The Column; Software Legal Protection by William M Karnes
Interf. Age	O	p51	a	The Mind Revolution, Spelling Errors by Merl Miller
Kilobaud	Ja	p9	a	Legal/Business Forum: Software Copyright by Kenneth S Widelitz
Kilobaud	Ja	p12	b	The SSI Microcomputer Software Guide by Jim Schreier
Kilobaud	F	p16	b	Applications and Algorithms in Computer Science by C William Gear
Kilobaud	F	p122	a	Use Flowcharts to Communicate by John R Ellis
Kilobaud	Ap	p48	a	Who Sells Software? (List of vendors) by Peter Stark
PCW	Ja	p45	a	Softly...Softly...Selling Microcomputer Software by Julian Allason
Rec. Comput.	Mr	p28	a	SARGON Diary by Mike Gabrielson

PROGRAMMING: FUNDAMENTALS

Byte	Ja	p116	a	An Introduction to BNF by W D Maurer
Byte	F	p186	a	Files on Parade Part 1: Types of Files by Mark Klein
Byte	Mr	p32	a	Files on Parade Part 2: Using files by Mark Klein
Byte	Mr	p230	a	What is an Interrupt? by R Travis Atkins
Byte	Ap	p210	a	An Introduction to Microprogramming by Ben E Cline
Byte	My	p176	a	Queuing Theory, The Science of Wait Control by Len Gorney
Byte	My	p196	a	Tic-Tac-Toe: A Programming Exercise by Delmer D Hinrichs
Byte	Ag	p194	c	Tic Tac Toe (Byte May '79 p196) by Delmer Hinrichs
Byte	My	p226	b	Practical Microcomputer Programming: The INTEL 8080 by W J Weller, A V Shatzel & H Y Nice
Byte	My	p238	a	Aids for Hand Assembling Programs by Erich A Pfeiffer
Byte	Je	p168	a	Stacks in Microprocessors by T Radhakrishnan & M V Bhat
Byte	Je	p204	b	How to Program Microcomputers by William Barden
Byte	Jy	p226	a	Subroutine Parameters by W D Maurer
Byte	Ag	p218	b	Practical Microcomputer Programming: The Z-80 by W J Weller
Byte	S	p154	b	The Little Book of BASIC Style, How to Write a Program You Can Read by John M Nevison
Byte	O	p90	a	Variables Whose Values Are Strings by W D Maurer
Byte	O	p242	b	Practical Microcomputer Programming Series by Walter Weller
Byte	N	p140	a	Stack it Up by Charlton H Allen
Byte	D	p241	a	Twenty-four Ways to Write a Loop, Dr Maurer Takes You Through a Loop by W D Maurer
Comp. Des.	Ja	p99	a	Indexed Addressing for Microcomputer by William Hertz
Comp. Des.	F	p130	a	Interfacing Fundamentals: Lookup Tables by Titus, Titus, Rony & Larsen
Cr. Comput.	F	p34	a	A Useful BASIC Tool: PEEKing and POKEing... by Rod Hallen
Cr. Comput.	Mr	p118	a	What are Data? Data Files Explained by Helmar Herman
Cr. Comput.	Ap	p86	a	A Roman's Assingment Problem by John Anderson
Cr. Comput.	Ap	p108	a	People Programming by James Garson
Cr. Comput.	Ap	p124	a	Interpretive Programming by Norman Whaland
Cr. Comput.	Ap	p142	b	Z80 Programming for Logic Design by Adam Osborne
Cr. Comput.	Ap	p145	a	8080 Machine Language Programming for Beginners by Ron Santore
Cr. Comput.	My	p96	a	How to Write a User-Oriented Program by Randy Heuer
Cr. Comput.	O	p124	a	Blunder Programming by Robert Hoffman
Cr. Comput.	N	p88	a	A Touch of MUMPS (PILOT) by Joan Zimmerman
Dig. Design	F	p20	a	Don't Neglect Program Documentation by Lance Leventhal & William Walsh
EDN	Ja5	p34	B	6800 Assembly Language Programming by Lance Leventhal
EDN	Mr5	p89	a	EDN Software Tutorial: Data structures - Part 1 by Jack Hemenway & Edward Teja
EDN	My5	p113	a	EDN Software Tutorial: Data structures - Part 2 by Jack Hemenway & Edward Teja
EDN	My20	p179	a	Increase 8086 throughput by using interrupts by Jack Hemenway & Edward Teja
EDN	Je5	p92	a	HP67/97 computes relative offsets by Cass Lewart
EDN	Je20	p153	a	EDN Software Tutorial: File Structures by Jack Hemenway & Edward Teja
EDN	S 20	p108	a	EDN Software Tutorial: Hash Coding by Jack Hemenway & Edward Teja
EDN	O 20	p69	a	Wide-ranging self study courses bring the uC design classroom home by Andy Santoni
EDN	O 20	p293	a	EDN Advanced Software Systems Design Course by Jack Hemenway & Ed Teja
Electronics	F 1	p121	a	Using assembly coding to optimize high-level language programs by Pat Caudill
Interf. Age	Ja	p124	b	8080 Machine Language Programming for Beginners by Ron Santore
Interf. Age	Ja	p125	a	Programming Technique - Night 1 by Bill Turner
Interf. Age	F	p126	a	Programming Technique - Night 2 by Bill Turner

PROGRAMMING: FUNDAMENTALS continued

Interf. Age	Mr	p80	a	Programming Technique - Night 3; I/O by Bill Turner
Interf. Age	Ap	p92	a	Programming Technique - Night 4, Serial I/O by Bill Turner
Interf. Age	Mr	p14	a	R.H.D. real handy data; What is a database? by Robert H Distler
Interf. Age	Mr	p68	a	Micro Database Management Systems by Del J Cornali
Interf. Age	Ap	p22	a	R.H.D. real handy data; Beginning the Process by Robert H Distler
Interf. Age	Ap	p119	b	How to Program Microcomputers by William S Barden
Interf. Age	My	p24	a	R.H.D. real handy data, Defining the Database by Robeert H Distler
Interf. Age	Je	p49	a	R.H.D. real handy data: Building on the Schema (databases) by Robert H Distler
Interf. Age	Jy	p34	a	The Mind Revolution; Top-Down Versus Bottom-Up by Merl Miller & Rich Didday
Interf. Age	Jy	p38	a	R.H.D. real handy data; Construction of a Database by Robert H Distler
Interf. Age	Ag	p29	a	The Mind Revolution; Polite Programming by Merl Milller
Kilobaud	Ja	p12	b	A Short Course in Programming, Vol. 1 by Tom Pittman
Kilobaud	F	p50	a	It's There--But Where? (Data Storage & Retrieval Techniques) by S J Mathis
Kilobaud	Ag	p131	c	Correction for It's There-But Where (Kilobaud Feb '79 p54)
Kilobaud	F	p120	a	Learn BASIC--with BASIC by Ronald Anderson
Kilobaud	Mr	p116	a	How to Talk to Your 8080 by Ken Knecht
Kilobaud	Ap	p12	b	Star Ship Simulation by Roger Garrett
Kilobaud	My	p46	a	How to talk to your 8080 (stack and hand assembling) by Ken Knecht
Kilobaud	My	p54	a	Data Base Management by Kenneth S Widelitz
Kilobaud	Je	p58	a	A Handle on Programming by Allan S Joffe
Kilobaud	S	p12	b	8080/8085 Software Design by Titus, Rony, Larsen, Titus
Kilobaud	D	p8	b	TRS-80 Assembly Language Programming by Willaim Barden
Kilobaud	D	p76	a	Implementing an Algorithm by Allan Joffe
Micro	O	p15	a	Spelunker (programming game) by Thomas Mimlitch
Micro	N	p14	a	Subroutine Parameter Passing by Mark Swanson
onComputing	Fl	p79	a	Let Us Assemble by Leonard Lazar
onComputing	W	p17	a	Understanding Personal Computer Software by Louis Frenzel
PCW	Ja	p12	a	Concepts of Programming by Barry Woolland
PCW	Mr	p21	a	TEACH-IN Two's Complement by Bob Gidden
PCW	Ap	p26	a	NASCOM 1; Breaking the Soft Barrier by Alan Secker
PCW	Ap	p73	b	uProcessor Programming for Computer Hobbyists by Neil Graham
Per. Comput.	Ja	p83	b	6800 Assembly Language Programming by Adam Osborne Associates
Per. Comput.	F	p52	a	Looping by Tom Logsdon
Per. Comput.	Ap	p16	a	Recursive Programming in BASIC by Herbert Dershem
Per. Comput.	S	p26	a	How to Program a Complex Problem by Bruce Barnett
Radio Elec.	O	p130	a	Assembly or BASIC, Which Programming language is best? by P Rony, J Titus, D Larsen & C Ttius
Rec. Comput.	Mr	p27	a	2 Recursive Functions in BASIC by Dennis Allison
Rec. Comput.	Jy	p30	a	The Programmers Toolbox by Everybody
73	My	p28	a	Microcomputer Interfacing: Subroutines and Stacks by Rony, Titus, Titus & Larsen
73	Je	p14	a	Microcomputer Interfacing: Preparing Your Programs by Titus, Titus, Larsen & Rony
73	D	p96	a	My TRS-80 Is Here...Now What? - first steps in programming by Allan Joffe
80-U.S.	Mr	p22	a	View From the Top of the Stack: Programming Fund by Tom Rosenbaum
80-U.S.	My	p26	a	View From the Top of the Stack: Subroutines & the Stack by T Rosenbaum
80-U.S.	Jy	p22	a	View From the Top of The Stack: Subroutines by T Rosenbaum
80-U.S.	Jy	p29	b	Practical Microcomputer Programming: The Z80 by W J Weller
80-U.S.	S	p31	a	View from the Top of the Stack: Subroutines by T Rosenbaum
80-U.S.	S	p50	a	More Than One Way by George Blank
80-U.S.	N	p32	a	View from the Top of the Stack: Instructions by Tom Rosenbaum

PROGRAMMING: STRUCTURED

Byte	Mr	p170	a	Common Mistakes Using Warnier-Orr Diagrams by David A Higgins
Byte	Jy	p187	b	Techniques of Program Structure and Design by Edward Yourdon
Byte	Jy	p190	b	Top Down Structured Programming Techniques by Clement L McGowan & John R Kelly
Byte	Jy	p226	a	Subroutine Parameters by W D Maurer
Byte	D	p222	a	Some Notes on Modular Assembly Programming by James Lewis
Cr. Comput.	Ja	p68	a	Caution: Structured Programming Can Be Habit Forming! by Tom Gibson
Cr. Comput.	Ag	p104	a	Structured Programming Techniques in BASIC by Patrick Moyer
Cr. Comput.	D	p34	a	Syskit: A Modular Programming Developement Tool by Jim Rosenberg
Dr. Dobbs	S	p37	a	Modular Programming with the Apple II by R F Zant
Dr. Dobbs	O	p46	b	COBOL: An Introduction to Structured Logic and Modular Program Design by William S Davis & Richard H Fisher
Dr. Dobbs	N	p60	b	PASCAL, An Introduction to Methodical Programming by W Findlay
Dr. Dobbs	N	p61	b	Structured Programming: Theory and Practice
Interf. Age	Je	p136	a	A Format Approach to Structured Programming: Structural Decomposition by Stanley Dunn
Interf. Age	N	p153	a	Structured Assembly-Language Programming for the 8080 by Alan Miller
Kilobaud	F	p24	a	A Block-Structured Language for Microcomputers (XPLO) by Larry Fish

PROGRAMMING: STRUCTURED continued

Per. Comput.	Je	p29	a	Planned Programming, The Thoughts Behind the Structure by Robert Nicholoson
Per. Comput.	Ag	p11	c	Correction for Planned Programming (Per. Comput. June '79 p34)
Per. Comput.	N	p67	a	Structure Your Programs in English by Reginald Gates

PUBLIC ACCESS

Byte	Ja	p100	a	The Digicast System: Receiving Data & Information Over Your FM Radio by A I Halsema
Byte	Mr	p186	a	Let's be PAL's: Some Comments on BBC Teletext by R G Silson
Dr. Dobbs	F	p20	a	GENIE An Immodest Proposal by David Chapman
Dr. Dobbs	Ag	p4	a	On Computer Crime Bill S240 by Jon K Taber
Dr. Dobbs	Ag	p41	a	The Software Copyright Issue
Kilobaud	O	p94	a	The Ultimate Consumer Computer "viewdata" by Frank Derfler
PCW	Mr	p37	a	NETWORK by L K Darnton

ROBOTS

Byte	F	p6	e	The Current State of Robotics by Carl Helmers
Byte	F	p12	a	Designing a Robot from Nature Part 1: Biological Considerations by Andrew Filo
Byte	Mr	p114	a	Designing a Robot from Nature Part 2: Constructing the Eye by Andrew Filo
Byte	F	p58	a	Life versus Computer Capacity (Memory) by Patrick Stakem
Byte	F	p84	a	A Hobbyist Robot Arm by Keith Baxter & Timothy Daly
Byte	Je	p10	a	A Model of the Brain for Robot Control Part 1: Defining Notation by James Albus
Byte	Jy	p54	a	A Model of the Brain for Robot Control Part 2: A Neurological Model by James Albus
Byte	Ag	p66	a	A Model of the Brain for Robot Control Part 3: A Comparison Brain vs Model by James Albus
Byte	S	p130	a	A Model of the Brain for Robot Control Part 4: Mechanisms of Choice by James Albus
Byte	Je	p36	a	Simple Maze Traversal Algorithms by Sandra & Stephen Allen
Byte	Je	p74	a	Talk to a Turtle, Build a Computer Controlled Robot by James A Gupton
Byte	Je	p86	a	My Computer Runs Mazes by David E Stanfield
Byte	Je	p132	a	The Nature of Robots Part 1: Defining Behavior by William T Powers
Byte	Jy	p134	a	The Nature of Robots Part 2: Simulated Control System by William T Powers
Byte	Ag	p94	a	The Nature of Robots Part 3: A Closer Look at Human Behavior by William T Powers
Byte	S	p96	a	The Nature of Robots Part 4: Looking for Controlled Variables by William T Powers
Comp. Des.	S	p78	a	Vision Expands Robotic Skills for Industrial Applications by Sydney Shapiro
Cr. Comput.	Ja	p34	b	Robots on Your Doorstep by Nels Winkless & Iben Browning
Cr. Comput.	Ja	p118	a	Robots in Fiction by Bruce Haskell
Cr. Comput.	Mr	p105	a	The Terrapin Turtle by Steve North
Cr. Comput.	Je	p62	a	ROBOT ROVER or Build Your Own Pavlovian Pooch by Frederick Chesson
Cr. Comput.	O	p188	b	How to Build a Computer Controlled Robot by Tod Lofbourrow
Dr. Dobbs	S	p4	a	An Electromechanical Household Servant by D J Reynolds
Dr. Dobbs	S	p43	b	The Complete Handbook of Robotics by Edward Safford
Interf. Age	Ja	p48	a	The Mind Revolution by Merl Miller
Interf. Age	F	p50	a	The Mind Revolution (vision) by Merl Miller
Interf. Age	Mr	p40	a	The Mind Revolution; Vision & Artificial Intelligence by Merl Miller
Interf. Age	Ap	p58	a	A Robot in a Shell by Roger Garrett
Interf. Age	Ap	p60	a	A Rover Robot by Robert Profeta
Interf. Age	Ap	p62	a	Reaching for the Future by John K Gallaher
Interf. Age	Ap	p64	a	The beginning of a New Era: The Working Robots by Terry Costlow
Interf. Age	Ap	p68	a	A Robot That Does Nothing Until Controls Are Added by Erik Lindholm
Interf. Age	Ap	p72	a	Workers Who Really Spend Their Lives On the Job, INDUSTRIAL ROBOTS by Betsy Gilbert
Per. Comput.	Jy	p95	b	Robotics: Grivet Series by Gallaher Research

SERIAL I/O

Byte	F	p150	a	Interfacing TTL to 20ma Current Loop by H S Hsiao
Byte	My	p32	a	Communicate on a Light Beam by Steve Ciarcia
Byte	Ag	p194	c	Communicate on a Light Beam (Byte May '79 p49)
Comp. Des.	Ag	p134	a	Expanding UART Word Widths for Low Speed Data Transmission by John Meng
Dr. Dobbs	O	p30	a	David and Goliath (OSI serial I/O and terminal) by David Morganstein
Dr. Dobbs	O	p34	a	Main Software, Teletype Terminal Interface (Digital Group) by Donald Faulkner
Dr. Dobbs	N	p56	c	Correction for Main Software Teletype...(DDJ Oct. '79 p34) by Donald Faulkner
Dr. Dobbs	N	p46	a	Interfacing My Home Computer To A Large Scale System by Glenn Story
EDN	Mr5	p61	a	Circuit solves 8251A PCI clock problems by Carol Ogdin
EDN	Mr5	p132	a	Convert TTL to current loop by Israel Gal
EDN	S 5	p217	a	Asynchronous serial buffer uses UART by Brian Cayton
EDN	S 20	p125	a	To understand serial communications start with the basics by Mitchell Gooze

SERIAL I/O continued

EDN	O 20	p119	a	UARTs: Hardware or Software? by Jon Colt
EDN	N 5	p83	a	Software switches baud rate by Jeff Volp
Elec. Des.	Ap26	p58	a	LSI building blocks will channel the rising tide of data transmission by Sidney Adlerstein
Elec. Des.	Je7	p98	a	Here's a data-comm channel saver: Design a serial-comm. interface in LSI by Alan Weissberger
Elec. Des.	Jy19	p86	a	Orient data-link protocols toward bits, though characters still count by Alan J Weissberger
Elec. Des.	Ag16	p92	a	Identify failing bits quickly; design a portable serial I/O monitor by Robert Stetson
Elec. Des.	S 27	p82	a	Simplify your real time appl. Leave communications to the op. system by David L Ripps
Electronics	Ja18	p137	a	Data-link control chip supports all three bit-oriented protocols by Bill Meronek
Electronics	D 6	p167	a	M6800 program performs cyclic redundancy checks by S V Alekar
Interf. Age	Ja	p87	a	3P + S + CIS - 30 + (Percom CIS 30 + Interfaced to IMSAI) by Gene Carleton
Interf. Age	Mr	p127	b	NCR Data Communications Concepts by NCR
Interf. Age	Ap	p54	a	The Inventor's Sketchpad; Cassette Communicator by Roger Garrett
Interf. Age	Ap	p92	a	Programming Techniques Night 4, Serial I/O by Bill Turner
Kilobaud	Ap	p62	a	Parallel Port to RS-232...Inexpensively by Rod Hallen
Kilobaud	Je	p88	a	Translating Between TTL and RS-232C Levels by F R Ruckdeschel
Kilobaud	Je	p120	a	Peripheral Interfacing (TTY or TTL to RS-232) by Rod Hallen
Kilobaud	Ag	p84	a	The Sorcerer Connection, Serial I/O port by Ken Barbier
Kilobaud	S	p55	a	Serial Output for the SWTP Editor-Assembler by Marc Leavey
Kilobaud	S	p100	a	Make PET Hard Copy Easy by James M Downey
Kilobaud	O	p138	a	Bit Rate Clocks for Your Serial Interface by R R Derynck
Micro	My	p39	a	Inside the KIM TTY Service by Ben Doutre
Micro	Ag	p5	a	Apple II Serial Output Made Simple by Donald Bixby
Micro	N	p43	a	Interfacing the Percom CI-812 to the KIM by Jim Dennis
Micro	N	p49	a	SYM-1 Baudot TTY Interface by Richard Leary
PCW	Ap	p49	a	On the Line, Timing and Synchronism by David Hebditch
PCW	My	p47	a	On the Line: Communications Inerfaces by David Hebditch
PCW	Jy	p31	a	On the Line: Communications I/O by David Hebditch
PCW	S	p69	a	On the Line: Data Link Controls by David Hebditch
PCW	O	p57	a	On The Line: Data Link Controls Part 2 by David Hebditch
PCW	N	p89	a	On the Line: High Level Protocols by David Hebditch
73	Mr	p90	a	Keyboard Serialization - when parallel isn't enough by R J Bosen
73	Mr	p24	a	RTTY Loop: UARTS by Marc Leavey

SHOWS

Comp. Des.	My	p88	a	1979 National Computer Conference
Cr. Comput.	Ja	p126	a	Behind the Scenes at the 3rd West Coast Computer Faire
Cr. Comput.	F	p10	a	A Glimpse at the Faire, 3rd West Coast Computer Faire by John Craig
Cr. Comput.	Ap	p14	a	1979 International Winter Consumer Electronic Show
Cr. Comput.	Ag	p62	a	The Fourth West Coast Computer Faire May 11-13 '79 by John Craig
Cr. Comput.	S	p18	a	The Greatest Shows On Earth: CES & NCC by Betsy Staples
Cr. Comput.	S	p24	a	NCC Personal Computing: Getting Bigger and Better by John Craig
Cr. Comput.	D	p72	a	A Voyage of Discovery (N E Computer Show) by Peter Payack
Cr. Comput.	D	p76	a	Fourth Annual Calif. Computer Swap Meet
Kilobaud	S	p52	a	The Fourth Faire by G P Williams
PCW	N	p54	a	The 2nd Personal Computer World Show
Per. Comput.	Ja	p61	a	PC's Midwest Expo
Per. Comput.	Ja	p66	a	Life In a Small Computer Show by Harry Shershow
Per. Comput.	Ag	p34	a	NCC '79 Report
"68" Micro	Je	p37	a	Computer Faire--4th West Coast
80-U.S.	Jy	p43	a	80-U.S. Goes to the Faire by M Schmidt

SIMULATION AND COMPUTER MODELING

Byte	Ap	p26	a	Simulating Physical Systems The Two-Dimensional Ideal Gas by Mark Zimmermann
Byte	Ap	p66	a	A Simulated View of the Galaxy by Mark Dahmke
Byte	Ap	p84	a	Marsport, Here I Come The 3-D Celestial Mechanics Simulation for HP67/97 by Delmer D Hinrichs
Byte	Ag	p194	c	Marsport, Here I Come (Byte April '79 p 84) by Delmer Hinrichs
Byte	O	p209	c	Correction for Marsport, Here I Come (Byte April '79 p 84)
Byte	Ap	p172	a	Digital Circuit Simulation (TI-59) by S Leon Felkins
Byte	N	p104	a	A Spacecraft Simulator by Gary Sivak
Byte	N	p113	a	The National Micropastime (Baseball) by Joseph J Roehrig
Cr. Comput.	Ja	p112	a	Space Maze, 3D Space Simulation Game by Lloyd Johnson
Cr. Comput.	Jy	p42	a	STERL: Computer Simulation of Pest Control Methods by Ann Corrigan
Cr. Comput.	S	p140	a	Simulations In the Game of Craps by Ellio Tanis

SIMULATION AND COMPUTER MODELING continued

Cr. Comput.	O	p120	a	An Elementary Simulation--ODELL2 by Marge Kosel & Mike Fish
EDN	O 20	p120	a	Simulate multipath fading in BASIC by Richard Comroe
Interf. Age	Ag	p94	a	Discrete Model Simulation Program by Dennis E Bahr
Interf. Age	O	p47	a	The Inventor's Sketchpad: A Simulation System by Roger Garrett
Interf. Age	N	p40	a	The Inventor's Sketchpad: Simulation Control Panel by Roger Garrett
Kilobaud	Ap	p12	b	Star Ship Simulation by Roger Garrett
Micro	S	p53	a	8080 Simulation with a 6502 by Dann McCreary
PCW	Jy	p55	b	Computer Models in the Social Sciences by R B Coats & A Parkin
Per. Comput.	Ja	p50	a	Basketball Micro-Style by Joe Roehrig
Rec. Comput.	My	p42	a	Inspector Clew-So by Ronald Carlson
Rec. Comput.	Jy	p18	a	BBALL A Baseball Simulation by Evan Marcus
Rec. Comput.	Jy	p35	a	ZORK: A Computerized Fantasy Simulation Game by David Lebling, Marc Blank & Timothy Anderson

SOFTWARE: APPLICATION PROGRAMS

Byte	F	p128	a	Computerized Wine Cellar by Rodney W Joliffe
Byte	Ap	p54	a	Smart Memory Part 1 by Randy C Smith
Byte	Ap	p222	a	Label and File Program by Andrew A Carpenter
Byte	Je	p86	a	My Computer Runs Mazes by David E Stanfield
Byte	Je	p208	a	Checkbook Balancing Routine by Loring C White
Byte	S	p126	a	Day of Week and Elapsed Time Programs by W B Agocs
Byte	N	p152	a	Writing Animated Computer Games by Tony Estep
Calc. Comp.	Ja	p41	a	VATS RIGHT (Velocity & Acceleration program) by Frank Bobek
Comp. Des.	Ap	p104	a	Number Sorting Algorithm Saves Processing Time by Martin Newman
Comp. Des.	My	p6	1	SDLC CRC Generating Algorithm for a 6800 by Henry Socha
Comp. Des.	Jy	p150	a	Interfacing Fundamentals: Sorting by Larsen, Rony, Titus & Titus
Cr. Comput.	Ja	p41	a	Help for the Weary Taxpayer, A Better Way to Calculate Depreciation by Gary Young
Cr. Comput.	Ja	p132	a	Speed Reading Made Easy...via your PET by Tom Rugg & Phil Feldman
Cr. Comput.	Mr	p104	c	Correction for Speed Reading Made Easy (Cr. Computing Jan '79 p132)
Cr. Comput.	F	p68	b	BASIC Software Library, Volume VII: Professional Programs by R W Brown
Cr. Comput.	F	p122	a	Computerized Sports Predictions by Don Smith
Cr. Comput.	F	p126	a	Multiple Regression Analysis- Simplified (TRS-80) by David Chereb
Cr. Comput.	Mr	p107	a	Throw Away those Index Cards: Radio Shack's (TRS-80) Information System by Steve Gray
Cr. Comput.	Mr	p110	a	Stopwatch: A Tiny C Program by Paul Gibson
Cr. Comput.	Mr	p114	a	Sports Judging Made Faster...and Easier by N B Winkless
Cr. Comput.	Mr	p128	a	The "Do-It-Yourself" Data Base System from Cromemco by John Craig
Cr. Comput.	Mr	p148	a	Data Base or Bust! For Your TRS-80 by Ken Knecht
Cr. Comput.	Ap	p122	a	Software Review: WOW! How'd All That Stuff Get In There? by Tim Barry
Cr. Comput.	Ap	p128	a	An Intelligent Calendar for Every Home by Gary Young
Cr. Comput.	My	p70	a	Profile: PDI, IQ Builder Software by Randy Heuer
Cr. Comput.	My	p132	a	Amortization Schedules: For Home & Business by Paul Lamb
Cr. Comput.	Je	p76	a	Software Profile: NAD--Name and Address Record Selection System by Eric Van Horn
Cr. Comput.	Jy	p34	a	Soft. Profile: Super Sort by Micro-Pro International by Eric Van Horn
Cr. Comput.	Jy	p56	a	Realization of a Public Key Cryptosystem by John Burke
Cr. Comput.	O	p190	a	Belais' Master Index to Computer Programs in BASIC by Paul Belais
Cr. Comput.	N	p88	a	A Touch of MUMPS (PILOT) by Joan Zimmerman
Cr. Comput.	N	p102	a	Telephone Dialer (North Star & TRS-80) by Gene Christianson
Cr. Comput.	N	p141	a	Interest Calculation with Date Conversion by Joe Ligori
Cr. Comput.	D	p32	a	Profile: Satellite Tracking Software by Randy Heuer
Cr. Comput.	D	p46	a	Statistics with the TRS-80 (Review) by Randy Heuer
Dr. Dobbs	Mr	p30	a	Build a Self-learning No-programming Computer with your Microprocessor by Klaus Holtz
Dr. Dobbs	S	p15	a	A Fast Repertory Telephone Dialer Program by S Cash Olsen
Dr. Dobbs	S	p43	b	Programs in BASIC for Electronic Engineers, Technicians & Experimentors by Ken Tracton
Dr. Dobbs	O	p32	a	Programming Pastimes and Pleasures (Interest calculations) by Charles Wetherell
Dr. Dobbs	O	p41	1	Converting to Julian Dates by Jack Dekok
EDN	Ag20	p67	a	uC system generates arbitary waveforms by Steven Newman
EDN	O 5	p81	a	8080 routine emulates PLA hardware by Fred Gutman
EDN	O 20	p120	a	Simulate multipath fading in BASIC by Richard Comroe
EDN	N 5	p147	a	An 8x8 multiplier and 8-bit uP perform 16x16-bit multiplication by Shai Mor
Elec. Des.	Mr15	p84	a	uProgramming boosts computer power--especially if you can do it yourself by Jim Long & Ted Proske
Interf. Age	Ja	p134	a	TLABEL: An 8080 Program to Punch Human-Readable Labels on Paper Tape by Alan R Miller
Interf. Age	F	p81	a	Notary by Jim Schreier

SOFTWARE: APPLICATION PROGRAMS continued

Interf. Age	Mr	p72	a	Income Averaging Program by J Dunn & M Farris
Interf. Age	Ap	p70	a	Gestation Calculations by Jim Schreier
Interf. Age	My	p70	a	Interfacing with Commercial Software: Check Writing by Eric D Savage
Interf. Age	My	p76	a	SABR Statistical Analysis for Business Research by John Lehman
Interf. Age	Ag	p26	a	The Micro-Mathematician; Program MORTPAY by Alfred Adler
Interf. Age	Ag	p48	a	Changing Acres to Rods to Yards to ... by Jim Schreier
Interf. Age	Ag	p121	a	Making the Computer Work for You by Alfred S Baker
Interf. Age	O	p139	a	Announce Your Next Meeting With Posters by Alan R Miller
Interf. Age	N	p21	a	The Column; Search Word by Jim Schreier
Interf. Age	N	p87	a	Fuzzy Decision Making by C P Whaley
Interf. Age	N	p102	a	Index Sequential File Processing on Microcomputers by Robert F Zant
Interf. Age	N	p156	a	The Sport of Sorting (TSC Sort Merge Package) by Jim Schreier
Interf. Age	D	p58	a	Business Software Review; Master Tax Program from CPAids by Bob Johnson
Kilobaud	Ja	p64	a	Say It with a Banner by Phillip Tubb
Kilobaud	Ja	p72	a	Open House (Real Estate Search & Sort Program) by Richard Nitto
Kilobaud	F	p48	a	Madam Dupre's House of the Zodiac by Adrian Thornton
Kilobaud	F	p116	a	Simpler Interest by Rod Hallen
Kilobaud	Mr	p90	a	Ultra Banner by Jonathan Rotenberg
Kilobaud	Mr	p100	a	The One Percent Forecasting Method by Stan Tisher
Kilobaud	Ap	p68	a	Let's Go Flying (Flight Plan) by Jack N Adams
Kilobaud	Ap	p90	a	Bar-Graph Generator by Frederick E Luffman
Kilobaud	Je	p92	a	Data Files for Processor Tech 5K BASIC by John Stanton
Kilobaud	Jy	p50	a	Personal Finance System by James McClure
Kilobaud	Jy	p82	a	Red-Handed Credit Grabber by John Warren
Kilobaud	Ag	p64	a	Shavasan Meditation Program by Ian Thurston
Kilobaud	Ag	p66	a	Personal Finance System by James McClure
Kilobaud	S	p28	a	Inventory by Richard A Blessing
Kilobaud	N	p198	c	Correction for Inventory (Kilobaud Sept '79 p28)
Kilobaud	S	p32	a	ON X GOSUB VVVV,TTTT Metric and English Equivalents Program by Allan S Joffe
Kilobaud	S	p136	a	Adult Caloric Requirements in Xitan BASIC by John Cameron
Kilobaud	O	p102	a	Calendar Program by Steve Tabler
Kilobaud	O	p162	a	Pig Latin by Ken Klosson
Kilobaud	N	p44	a	The Electronic Librarian by Joseph Sanger
Kilobaud	N	p70	a	The Apple Goes to Market by Leslie Schmeltz
Kilobaud	N	p110	a	Wave the Flag by David Johnson
Kilobaud	N	p112	a	Boy, Did I Make a Killing! Real Estate Profit Guide Program by Frank Derfler
Kilobaud	N	p122	a	A-Mazing, Maze Generating Program by Paul Wennberg
Kilobaud	N	p156	a	Weight-Watching Special by Margot Critchfield & Tom Dwyer
Kilobaud	D	p160	a	H8 Alarm Clock Program by Adrian Thornton
Micro	F	p5	a	Long Distance Interstate Telephone Rates by L S Reich
Micro	F	p23	a	The Micro Software Catalog: V by Mike Rowe
Micro	Mr	p15	a	The Micro Software Catalog: VI by Mike Rowe
Micro	Ap	p29	a	The MICRO Software Catalog: VII by Mike Rowe
Micro	My	p37	a	The Micro Software Catalog: VIII by Mike Rowe
Micro	Je	p5	a	Harmonic Analysis For the Apple by Charles Putney
Micro	Je	p38	a	Computer-Determined Parameters for Free-Radical Polymerization by L S Reich
Micro	Jy	p5	a	A Baudot Teletype Driver for the Apple II by Robert Carlson
Micro	S	p34	c	Correction for Baudot Printer for Apple (Micro July '79)
Micro	Jy	p19	a	AIM Your Spouse toward Success at the Supermarket by Melville Evans & Vernon Larrowe
Micro	O	p41	a	Card Shuffling Program for KIM-1 by Hark Chan
Micro	D	p69	a	APPLE II Speed Typing Test With Input Time Clock by John Broderick
onComputing	Su	p100	a	Checkbook Balancing Program in BASIC by Stephen Sunderland
onComputing	W	p55	b	Some Common BASIC Programs by L Poole & M Borchers
onComputing	W	p55	b	BASIC Software Library Volume 1-5 by Scientific Research
onComputing	W	p59	a	The Personal Check Writer by Anrew Recupero
PCW	Ja	p39	a	Stapack Part 3 (Statistical Program) by Colin Chatfield
PCW	Ap	p61	a	Statpack (Statistics) by Colin Chatfield
PCW	Ap	p63	a	Mortgages, Can You Afford One? by John Lee
PCW	My	p67	a	Mugs Away, A Computer Darts Trainer by Sheridan Williams
PCW	Jy	p70	a	The Programmed Punter, Program for the Betting Man by M R J Morgan
PCW	Ag	p45	a	Statpack (Relational Statistics) by Colin Chatfield
PCW	S	p48	a	ESP: Psychic Perception or Deception? Program to Test ESP by Tyrone Crudis
PCW	S	p73	a	Acronyms (Converts a Word into any Acronym) by Richard Forsyth
PCW	O	p84	a	Graph (TRS-80) by Ian O'Neill
Per. Comput.	Ja	p82	b	57 Practical Programs and Games in BASIC by Ken Tacton
Per. Comput.	F	p14	a	Stan's Paper-Cutting Program by Timothy Purinton
Per. Comput.	Mr	p30	a	Pseudo File Processing in BASIC by Bruce Showalter
Per. Comput.	My	p26	a	Appreciating Depreciation by Karen Wolfe

SOFTWARE: APPLICATION PROGRAMS continued

Per. Comput.	My	p30	a	Tax Base Part 2 by Paul Holliday
Per. Comput.	My	p64	a	An Invoicing Program by David A L A Whitehead
Per. Comput.	Je	p43	a	Rate-Setting and Billing for Small Utilities by Stephen Smith
Per. Comput.	Jy	p36	a	Foto Finder by Loyd Bulmer
Per. Comput.	Jy	p46	a	3 Practical Programs: Recipe Cost, Alphabetize, Day of the Week by Lon Poole & Mary Borchers
Per. Comput.	Ag	p50	a	Programs for People on the Move: Paper Routes, Pacing Runs by Russ Connell
Per. Comput.	Ag	p67	a	Decision Making, Evaluating Your Options by Dick Straw
Per. Comput.	S	p34	a	Measuring Readability of Text by Steve Irving & Bill Arnold
Per. Comput.	S	p41	a	Tracing Your Family Tree, Roots and Branches by John Armstrong
Per. Comput.	D	p6	c	Correction for Roots and Branches (Per. Comput. Sept '79)
Per. Comput.	O	p22	a	Viewing Real Estate Investments by Larry Severseen
Per. Comput.	O	p30	a	Coin Collecting by Charles Sternberg
Per. Comput.	N	p35	a	RENT, Help for the Weary Landlord by Fred Guth
Per. Comput.	N	p38	a	An Interactive Retrieval Information System by David Toliver
Per. Comput.	N	p56	a	Alien Names Made Easy by Donald Fairhurst
Per. Comput.	D	p60	a	Calorie Counter by Lisa & Gary Rensberger
Per. Comput.	D	p69	a	Create Your Own Periodical Guide by Margaret Whack
Pop. Elec.	Ag	p47	a	Simple TRS-80 Programs Solve Electronics Calculations by Roy Babylon
Rec. Comput.	Ja	p16	a	TRS 80: Miles per Gallon Program by Milan Chepko
Rec. Comput.	Ja	p29	a	An Electronic Desk Calendar by Clyde Farrell
Rec. Comput.	My	p39	a	Software Reviews from The Best Of The PET Gazette
Rec. Comput.	My	p48	a	Golf Handicapping (TRS-80) by Milan Chepko
Rec. Comput.	N	p25	a	Calendar by H Frank Andersen
Rec. Comput.	N	p47	a	TRS-80: Loan Payment by Milan Chepko
Rec. Comput.	N	p52	a	Choose-a-Title (Music) by Jack Taylor
Rec. Comput.	N	p55	a	Compute-A-Ticket by David Beard
"68" Micro	F	p11	a	6800 Software Program to Test Addition by Jack Bryant
"68" Micro	F	p12	a	Telephone Dialer Software by Howard Berenborn
"68" Micro	Je	p39	a	Magic Squares by Paul Pennington
"68" Micro	Ag	p8	a	Data Files (Basic Program) by Byron Seastrunk
"68" Micro	N	p27	a	Christmas Card List Program by Art Weller
"68" Micro	N	p26	a	Football Pool by Weldy Moffatt
"68" Micro	N	p27	a	Computerware BASIC Christmas Card List by Art Weller
73	Ja	p100	a	Design-a-Notcher - Automated Filter Values by Glen Deibert
73	Ja	p108	a	Noise Bridge BASICs Computer-Optimized Radiation by Terry Conboy
73	Mr	p110	a	Try a Log Periodic Antenna - with a computerized design by Christopher Johnson
73	Mr	p114	a	The Micro Magic Pi Designer - figure networks with a minimum of fuss by Gil Boelke
73	D	p104	a	Teaching Your Micro to Count - two mentods for adding counter capability by Sam Creason
80-U.S.	Ja	p17	a	Audio-Visual Demo, TRS-80 Controlling Audio Cassette by Mike Schmidt
80-U.S.	Mr	p33	a	Sientific Calculations on TRS-80 Level I by T R Dettmann
80-U.S.	My	p28	a	Gee Whiz (TRS-80) by T R Dettmann
80-U.S.	Jy	p21	a	Software Review: WIN 21, Tutorial for Winning Blackjack
80-U.S.	Jy	p31	a	Stock Program by Fred Guth & John Knoderer
80-U.S.	S	p44	a	Stock Program Part 2: Stock Yield by Fred Guth & John Knoderer
80-U.S.	N	p18	a	Function Grapher/Root Finder by Roy Groth
80-U.S.	N	p26	a	Engineering Calculations (Hydraulics) by Saurweins
80-U.S.	N	p46	a	Stock Market Program: Part 3, Sell/Tax by Fred Guth & John Knoderer
80-U.S.	N	p51	a	Home Heat Loss Calculation Program by Ralph White
80-U.S.	N	p56	a	A MAZE Program by John Stedeford

SOFTWARE: ASSEMBLERS AND MONITORS

Byte	My	p104	a	6800 Disassembler by Bob Lentz
Byte	My	p128	a	TMS-9900 Monitor by Jeremy O Jones
Byte	My	p233	a	A Mini-Disassembler for the 2650 by Edward R Teja
Byte	N	p220	b	8080/8085 Assembly Language Programming by Lance R Leventhal
Compute	Fl	p100	a	Review: 6502 Macro Assembler and Text Editor SYM Version by Carl Moser
Comp. Des.	D	p79	a	Assembler Streamlines Microprogramming (2900) by Thomas Balph & William Blood
Cr. Comput.	S	p124	a	A 6502 Disassembler-In Microsoft BASIC by Anthony Scarpelli
Cr. Comput.	D	p42	a	Battle of the Assemblers by Rod Hallen
Dr. Dobbs	F	p31	a	Features for TDL Editor, Assembler and Text Output Processor by R J Long
Dr. Dobbs	My	p16	a	A Z-80/ZAP Disassembler by B W Lee
Dr. Dobbs	Ag	p46	c	Z80 ZAP Correction (DDJ #35) by B W Lee
Dr. Dobbs	My	p28	a	Patching The SWTPC Co-resident Editor-Assembler by Geoffrey A Gass
Dr. Dobbs	My	p40	a	ODT User's Manual by Gary D Gaugler
Dr. Dobbs	S	p34	a	A Z80 Micro-disassembler by Holger Peterson
Dr. Dobbs	N	p42	a	An Interactive Heath H-8 Disassembler by Ronald T Borochoff
Dr. Dobbs	N	p60	b	Z-80 Assembly Language Programming by Lance Leventhal

SOFTWARE: ASSEMBLERS AND MONITORS continued

EDN	F 5	p115	a	A macro assembler eases the task of 8086 cross-assembler writing by Jack Hemenway & Edward Teja
Elec. Des.	Ja4	p146	a	Programmable Calculator Disassembles uP machine Codes (TI59) by Thomas B Gross
Elec. Des.	Ag2	p84	a	Microprocessor programming-easy, quick with a desktop computer assembler by Joel Hinrichs
Interf. Age	F	p136	a	Macroprocessing Eases the Software Development Task by Henry Davis
Interf. Age	My	p20	a	TRS-80 Assembler Fix (Level I)...Dump It by Mike Wolf
Interf. Age	N	p153	a	Structured Assembly-Language Programming for the 8080 by Alan Miller
Kilobaud	Je	p26	a	"Monitor" Level II assembly language operting system by Rod Hallen
Kilobaud	Ag	p99	a	Don't Throw Away That Monitor--Yet! by LKR Williams
Kilobaud	Ag	p114	a	Machine-Language Monitors for the TRS-80 by Robert Edmonds
Kilobaud	D	p134	a	PET's Machine Language Monitor by D J David
Micro	F	p19	a	Two Apple II Assemblers: A Comparative Software Review by Allen Watson
Micro	F	p26	a	Expand Your 6502-based TIM Monitor by Russell Rittimann
Micro	Ap	p19	a	EKIM or MAXI-KIM Extended Keyboard Input Monitor by Andrew Sensicle
Micro	My	p9	a	S-C Assembler II Super Apple II Assembler by Chuck Carpenter
PCW	Ja	p30	a	Getting It Together: Build Your Own Assembler (Listing continued) by Mike Banahan
PCW	Ap	p29	a	The Resourceful Disassembler, A Labeling Disassembler by John Colt
PCW	My	p59	a	Parkinson's REVAS (Reverse Assembler) by D W Parkinson
PCW	Je	p55	a	Parkinson's REVAS Part 2 by David Parkinson
PCW	Jy	p74	a	Parkinson's REVAS - Addendum by David Parkinson
PCW	N	p	a	Continuation of Parkinson's REVAS by 114
PCW	D	p95	a	Parkinson's REVAS Continued by David Parkinson
PCW	Je	p51	a	Assembly Point by J R Keneally
PCW	Jy	p51	a	Getting in the Swim (Machine independent monitor for 6800) by David Goadby
PCW	N	p82	a	Bugging the 6800 (Monitor) by John Moore
PCW	N	p109	a	Cesil (Written in Basic shows how an assembler works) by Richard Clyne
PCW	D	p90	a	Bugging the 6800 continued
"68" Micro	Je	p32	a	A Review of Some 6800 Monitors by Robert Boyd
"68" Micro	S	p9	a	FLEX Disassemble Source Code Generation by Robert Boyd
"68" Micro	O	p10	a	PYSOM 6809 Monitor by PERCOM
"68" Micro	N	p17	a	6809 PYSOM Monitor by PERCOM
73	Ap	p98	a	An 8080 Disassembler - written in BASIC, yet! by Jef Raskin
80-U.S.	My	p32	a	The Monitor You Already have, TRS-80 Disk System by George Blank
80-U.S.	S	p49	b	TRS-80 Assembly Language Programming- Radio Shack by William Barden
80-U.S.	N	p42	a	An Assembly Language Development System by T Dettmann

SOFTWARE: OPERATING SYSTEMS

Byte	Ap	p245	1	How to Define an OS Which Does Not Need a Wizard by James E Jones
Byte	S	p82	a	Operating Systems, Let's Have Some UNIX-Inspired Software by Jim Howell
Byte	O	p176	a	Drop JCL and Start with WFL by Donald J Gregory
Cr. Comput.	Ja	p30	a	Operating Systems Q&A by John Craig
Cr. Comput.	Mr	p124	a	Disk Power: How to Use It, Apple's New Disk System by Carl Swenson
Cr. Comput.	Mr	p128	a	The "Do-It-Yourself" Data Base System from Cromemco by John Craig
Cr. Comput.	Jy	p123	a	Operating Systems: North Star Double Density DOS by John Craig
Cr. Comput.	D	p104	a	"Turn-Key" CP/M Systems by James Frantz
Dig. Design	My	p50	a	Teminal Operating System (Perkin Elmer) by Mark Crowley
Dr. Dobbs	Ja	p6	a	CHAOS An Interactive Timeshared Operating System for the 8080 by Jeff Levinsky
Dr. Dobbs	Ja	p48	1	Making An ALS-8 Work For A Z-80 by Jon E Avery
Dr. Dobbs	F	p31	a	Features for TDL Editor, Assembler and Text Output Processor by R J Long
Dr. Dobbs	F	p43	1	North Star Patches by Steve Lang
Dr. Dobbs	Ap	p41	a	Product Evaluation: PERCOM LFD-400 by Douglas Beck
Dr. Dobbs	Je	p29	a	EXOS-A Software Development Tool Kit for the 6500 uP Family by Don Colburn
Dr. Dobbs	O	p43	1	Altering NorthStar DOS by Amberse M Banks
EDN	N 20	p16	b	Operating Systems: Concepts and Principles by John Zarrella
Elec. Des.	Je21	p86	a	Help a real time multitasking OS by carefully defining each task by David Ripps
Elec. Des.	S 13	p146	a	A multitasking operating system simplifies real-time applications by David L Ripps
Elec. Des.	S 27	p82	a	Simplify your real time appl. Leave communications to the op. system by David L Ripps
Elec. Des.	N 22	p133	a	Check operating-system features to see how powerful a uC will be by Max Schindler
Electronics	D 20	p104	a	Microcomputer software satisfies conflicting programming needs (DG MPOS) by James Isaak
Interf. Age	F	p54	a	Multi-Tasking the 8080: FAMOS, An On-Line System by George Pilipovich
Interf. Age	Jy	p156	a	Flexing with FLEX Utilities by Jim Schreier
Kilobaud	My	p90	a	MDOS, Micropolis Disk System by Helmar Herman
Kilobaud	Jy	p108	a	CONOPS (Monitor for Heath H8) by Chesney Twombly

SOFTWARE: OPERATING SYSTEMS continued

Kilobaud	O	p104	a	Four More Commands for SSB DOS (Smoke Signal BFD-68) by Terry Perdue
Kilobaud	N	p198	c	Correction for 4 More Commands for SSB DOS (Kilobaud Oct '79)
Kilobaud	N	p78	a	Let's Look at NEWDOS+ by H S Gentry
Micro	F	p9	a	Esploring the Apple II DOS by Andy Hertzfeld
Micro	Ap	p21	a	A Cassette Operating System for the APPLE II by Robert Stein
Micro	Jy	p17	a	Intercepting DOS Errors from Integer BASIC (Apple II) by Andy Hertzfeld
Micro	O	p7	a	Disassembling the DOS 3.2 by William Reynolds
Pop. Elec.	N	p67	a	CP/M: The Standard Microcomputer Software Standard by Dorothy Siegel
"68" Micro	F	p13	a	FLEXtm to BDF by Dale Puckett
"68" Micro	My	p5	a	The Case for Small Disk Operating Systems by Harold Mauch
"68" Micro	Jy	p26	a	The Case for Large Disk Operating Systems by Tom Harmon
"68" Micro	Ag	p17	a	SWTPC BASIC to FLEX DOS Interface Command (Assembled with listing)
"68" Micro	Ag	p36	a	Simple Muti-tasking by Noel Thompson
"68" Micro	Ag	p36	a	Simple Muti-tasking by Noel Thompson
"68" Micro	S	p8	a	COPE--SSB DOS Backspace by Dan Johnson
"68" Micro	N	p19	a	6809 Patches to NEWDISK command by John Byrns
80-U.S.	Jy	p10	a	Review: NEWDOS+ by T Dettmann

SOFTWARE: UTILITY PROGRAMS

Byte	Ja	p179	a	Single Stepping (w/ software) the 8080 Processor by Charles Sharp
Byte	Ap	p192	c	Correction for: Single Step 8080 (Byte Jan. '79 p179)
Byte	Mr	p32	a	Files on Parade Part 2: Using files by Mark Klein
Byte	Mr	p194	a	Password Protection for Your Computer by R Jordan Kreindler
Byte	Ap	p190	a	BASIC Cross-Reference Table Generator by William & Alice Englander
Byte	My	p164	a	Simultaneous Input and Output for Your 8080 by W D Maurer
Byte	My	p220	a	SWTPC 6800 Display Routine by Mike Hayes
Byte	My	p221	a	6800 Register Display by Mike Hayes
Byte	Je	p206	a	BASIC Factorials by Alan R Miller
Byte	Je	p207	a	An 8080 Free Memory Search by William M Hand
Byte	Je	p208	a	5 Byte Hexadecimal to ASCII Converter by Ashwin L Doshi
Byte	O	p18	c	Correction for 5 Byte Hex-ASCII (Byte Jun '79 p208) by Robert G Durnal
Byte	Je	p212	a	A Peek at Poke (TRS80) by M Paris
Byte	Jy	p192	a	BASIC Bit Twiddling by Ralph Owens
Byte	Ag	p26	a	The Lambdino Storage Management System by Gianfranco Prini & Martin Rudalics
Byte	Ag	p212	1	Assembly Language Switching by Ira Chayut
Byte	S	p58	a	A Similarity Comparator for Strings by T C O'Haver
Byte	S	p129	a	A Text Loader Routine (6800) by Howard Berenbon
Byte	O	p70	a	Using Finite State Machines by David E Cortesi
Byte	O	p168	a	Low-Level Program Optimization: Some Illustrative Cases by James Lewis
Byte	O	p200	a	Easy to Use Hashing Function by Don Kinzer
Byte	O	p246	a	An ASCII String Program by William Comer
Byte	O	p248	a	Table of Subroutines by Peter W Meek
Byte	N	p172	a	Five Useful Programs for the SC/MP by Charles A Kapps
Byte	N	p192	a	Keyboard Input Software for the Z-80 by Kerry W Newcom
Byte	D	p87	a	Relative Subroutines for the Z80 by Dennis Bathory Kitsz
Compute	F1	p7	a	Sorting Sorts: A Programming Notebook by Belinda Hulon & Rick Hulon
Compute	F1	p78	a	Screen Print Routine (PET) by David Malmberg
Compute	F1	p84	a	Trace For The PET by Brett Butler
Comp. Des.	Ja	p124	a	Software Technique Overcomes Register Deficiency (6800) by G Gaugler
Comp. Des.	Ag	p127	a	Adapting Control and Arithmetic Subroutines to Single-Chip Microcomputer by Lionel Smith
Comp. Des.	Ag	p142	a	A Software Based Approach to Priority Interrupts by B K Gupta
Cr. Comput.	Ja	p80	a	How to Hide Your BASIC Program by John Nevison
Cr. Comput.	Mr	p132	a	The Space Saver by Andrew Nicastro
Cr. Comput.	My	p72	a	How to Hide Your BASIC Program Round 2 by Robert Jaquiss
Cr. Comput.	Jy	p64	a	Your Basic Binary Search: Simple Data Base Techniques in BASIC by Robert Goff
Cr. Comput.	Jy	p74	a	Automated File Handling Techniques in Microsoft BASIC by Irwin Doliner
Cr. Comput.	Jy	p76	a	Program Locator/File Package (North Star) by Paul Lamb
Cr. Comput.	Jy	p78	a	Sorting Simplified: A Keyed String Technique by Bill Roch
Cr. Comput.	S	p14	1	Problems With "Sorting Simplified" (Creative Computing July '79 p78) by Bill Roch
Cr. Comput.	Ag	p98	a	Manipulating Pencil Files, Convert them to BASIC by Rosann Collins, Theodore Hines & George Rowan
Cr. Comput.	S	p115	a	BASIC Tricks by Jordan Mechner
Cr. Comput.	D	p34	a	Syskit: A Modular Programming Developement Tool by Jim Rosenberg
Dig. Design	S	p95	a	Format That Data (Tab Program)
Dig. Design	O	p94	a	8080 Routine Displays Console Messages by Ken Barbier
Dr. Dobbs	Ja	p24	a	PET Basic Renumber by Bill Seiler
Dr. Dobbs	Ja	p28	a	SAM76 Utility Function (and a script called Monkeys) by Claude Kagen
Dr. Dobbs	Ja	p32	a	Add A Trap Vector for Unimplemented 6502 Opcodes by Carl W Moser

SOFTWARE: UTILITY PROGRAMS continued

Dr. Dobbs	Ja	p40	a	Memory Map Program for the Z80/8080 by Robert Alkire
Dr. Dobbs	Ja	p47	1	Merging & Pretty Printing (Renumbering) by L Barker
Dr. Dobbs	F	p14	a	An Unusual Pseudorandom Number Generator Program by H T Gordon
Dr. Dobbs	F	p31	a	Features for TDL Editor, Assembler and Text Output Processor by R J Long
Dr. Dobbs	F	p36	a	Programming Pastimes and Pleasures (Search Routines) by Charles Wetherell
Dr. Dobbs	Mr	p24	a	QUOLST (Sector availability program) by Gary Gaugler
Dr. Dobbs	Mr	p25	a	Sorting Sequential Files in Place by David S Burris & Wayne Byrd
Dr. Dobbs	Mr	p26	a	VICE VERSA Pencil to CPM and CPM to Pencil by Jim Gagne
Dr. Dobbs	Mr	p45	1	6800 Memory loader by Chuck Adams
Dr. Dobbs	Mr	p49	1	Small Monitor Search Routine (6800) by Neal Champion
Dr. Dobbs	Ap	p40	a	Increase Your Poly 88 Pleasure (tape load outine) by David L Johnson
Dr. Dobbs	Ap	p45	1	A Useful Memory Clear Routine (8080/Z80) by Larry Hudson
Dr. Dobbs	My	p49	1	An Efficient Reentry Routine by Charles E Marvin
Dr. Dobbs	Je	p49	1	Search by Rod Hallen
Dr. Dobbs	Ag	p12	a	UCSD PASCAL to CP/M file transfer program by Ronald G Parsons
Dr. Dobbs	Ag	p17	a	A Floating Point Subroutine Package for the 1802 by Paul Wasserman
Dr. Dobbs	Ag	p20	a	A Flashlight for Your Software Developement Tool Kit by Don Colburn
Dr. Dobbs	Ag	p21	a	A Sledge Hammer for Your Software Developement Toolkit (Disk Controller) by Don Colburn
Dr. Dobbs	Ag	p27	a	Context Switch for the 6800 by M Mickelsen & N Worth
Dr. Dobbs	Ag	p28	a	Diskette Copying on Intel Single Density DOS by Bill Collis
Dr. Dobbs	Ag	p30	a	Hardware Relative Addressing for the 8080 by John Beetem
Dr. Dobbs	Ag	p39	1	More On Frits' Disk by Dale L Puckett
Dr. Dobbs	Ag	p39	1	Reentrant Routines for the 6800 by Harry B Stewart
Dr. Dobbs	S	p16	a	A General Purpose Data Compression Program by Graham Jenkins
Dr. Dobbs	S	p24	a	Machine Language Program Displacement Table by Colin Keay
Dr. Dobbs	S	p26	a	*MITS* Sequential File Dump by A L Bender
Dr. Dobbs	S	p40	1	Saving/Restoring Machine Status by John Bockelmann
Dr. Dobbs	N	p36	a	Dumping Files Under FLEX by Freeman L Moore
Dr. Dobbs	N	p53	a	Protect Your Space by L H Reid
Dr. Dobbs	N	p57	1	Conserving Memory with the Huffman Code by Paul Heckbert
EDN	Ja20	p59	a	8086 XLAT turns BCD into 7-segment by Jack Hemenway
EDN	F 20	p56	a	8080 coding speeds reading of 12 bits by Jim Handy
EDN	F 20	p62	a	SDK-85 routine displays full alphabet by Robert Speers
EDN	Mr5	p62	a	1802 code implements calculated jumps by James Lynch
EDN	Mr20	p118	a	Adding floppies to an 8086 paves the way for system software by Jack Hemenway & Edward Teja
EDN	Ap5	p57	a	Execute MK3870 magnitude comparisons by Don Ward
EDN	Ap20	p101	a	Verify 6800 data during recovery by Ken Steiner
EDN	My5	p87	a	Extend 6502-timer ranges by Cass Lewart
EDN	My5	p88	a	Technique avoids interrupt dangers by Robert Grappel
EDN	My20	p100	a	Subroutine returns a random byte (6800) by Robert Grappel
EDN	Je5	p83	a	Subroutine return performs a computed jump by Robert Grappel
EDN	Je5	p84	a	8080 routine generates CRC character by Fred Gutman
EDN	Je5	p91	a	Routine counts instruction bytes by Robert Grappel
EDN	Je5	p92	a	SR-58 aids IM6100 assembly by Jan Fadrhons
EDN	Ag5	p66	a	Interrupt instruction gives breakpoints by Paul Baseshore
EDN	Ag20	p67	a	TRS-80 routine sorts strings by Henry Riekers
EDN	S 5	p119	a	6502 routine multiplies signed numbers by Arch Robinson
EDN	S 20	p74	a	F8 routine swaps registers by Gary Francher
EDN	O 5	p73	a	6800 routine supervises service requests by Robert Morris
EDN	N 5	p83	a	Routine displays text strings by Purna Pareek
EDN	N 20	p147	a	Z8002 scales BCD values by Robert Grappel
Elec. Des.	My24	p146	a	Learn the lingo and hash your way into faster data base management by Gary McCarney
Elec. Des.	D 20	p90	a	In-line code is faster for refreshing RAMs by software by David G LeVine
Electronics	Mr15	p129	a	8085 program rapidly computes 8-by-16-bit product by Gary A Sitton
Electronics	Mr15	p129	a	Fractional-binary program creates pseudorandom integers by Robert L Harding
Electronics	My10	p143	a	8080 program computes 32-by-16-bit quotient by G W Swift & J P Eisenstein
Electronics	Je21	p147	a	Data-block transfer program is efficient and flexible by Chris Lusby Taylor
Electronics	Ag2	p137	a	8080 program counter makes relative jumps by Prakash Dandekar
Electronics	D 6	p167	a	M6800 program performs cyclic redundancy checks by S V Alekar
Interf. Age	Ja	p58	a	System to System Communications Using CP/M by W C Hoffer
Interf. Age	F	p140	a	In-Line Machine Language Subroutines for BASIC Interpreters by John P Newcomer
Interf. Age	Mr	p177	a	M6800 Program Relocator by Gordon W Wolfe
Interf. Age	Mr	p180	a	6800 MIKBUG Dump by Tom Munnecke
Interf. Age	Ap	p136	a	The KLH Spooler for CP/M Keeping Your Line Printer Busy by Alan R Miller
Interf. Age	My	p144	a	TEX: A Text-Output Formatter for CP/M by Alan R Miller
Interf. Age	Jy	p24	a	The Micro-Mathematician, Program Relocat by Alfred Adler
Interf. Age	Ag	p14	a	The Column; A TRS-80 Disk Renumbering Program by Arlan Dabling & Jim Schreier

SOFTWARE: UTILITY PROGRAMS continued

Kilobaud	Mr	p104	a	Too Many Variables? (Variable List Program) by Robert C A Goff
Kilobaud	Ap	p94	a	Let's Have Some Order (Alphabetization Program) by Charles E Thomas
Kilobaud	Ap	p96	a	Quicksort! by Steven Harrington
Kilobaud	My	p80	a	Prettyprinting with Microsoft BASIC by Wallace Kendall
Kilobaud	Je	p54	a	Creative Tabulation by Marc I Leavey
Kilobaud	Je	p96	a	Easy Lowercase by John Walker
Kilobaud	Je	p97	a	MIKBUG Load... Show and Tell by Richard Wright
Kilobaud	Ag	p58	a	The BASIC Basic Renumberer by Adrian Thornton
Kilobaud	Ag	p99	a	Don't Throw Away That Monitor--Yet! by L K R Williams
Kilobaud	O	p104	a	Four More Commands for SSB DOS (Smoke Signal BFD-68) by Terry Perdue
Kilobaud	N	p198	c	Correction for 4 More Commands for SSB DOS (Kilobaud Oct '79)
Kilobaud	O	p116	a	File Directory Analysis for North Star DOS by Edwin Milne
Kilobaud	O	p158	a	Load Programs the SIMPL Way by Harold Combs
Kilobaud	D	p71	a	Message Display in Assembly Language by Rod Hallen
Micro	F	p14	a	2 Short TIM Programs: Fast Talking TIM, TIM Operating System Menu by Gary Tater
Micro	Mr	p9	a	Apple II Trace List Utility by Alan Hill
Micro	Mr	p41	a	The OSI Flasher: BASIC-Machine Code Interfacing by Robert Jones
Micro	Ap	p12	a	Corrected KIM Format Loader for SYM-1 by Nicholas Vrtis
Micro	Ap	p37	a	The Ultimate PET Renumber by Don Rindsberg
Micro	My	p13	a	A PET Hex Dump Program by Joseph Donato
Micro	My	p45	a	Renumber Applesoft by Chuck Carpenter
Micro	Je	p21	a	Sorting with the Apple II Part 1 by Gary Foote
Micro	Jy	p27	a	Screen Dump to Printer for the Apple II by R M Mottola
Micro	Jy	p39	a	AMPERSORT (Apple II Sort Routine) by Alan Hill
Micro	S	p34	c	Correction for AMPERSORT (Micro July '79)
Micro	N	p45	c	Correction for AMPERSORT (Micro July '79)
Micro	S	p15	a	Applesoft Renumbering by J D Childress
Micro	N	p27	a	Assembly Language Applesoft Renumber by Alan Floeter
Micro	N	p59	a	Alarming APPLE (Error response program) by Paul Irwin
Micro	D	p5	a	Data Statement Generator by Virginia Lee Brady
Micro	D	p25	a	Relocting PET BASIC Programs by Michael Tulloch
Micro	D	p49	a	Applesoft Program Relocation by George Guild
onComputing	W	p31	a	A Simple Cassette Directory by John Appleton
PCW	Ja	p65	a	PUNCHLINES, Software for Controlling the Westrex Punch by Mark Colton
PCW	Ap	p76	a	A Program for the Z80 for producing hard copy on a Creed 7B printer by R J Chance
PCW	My	p54	a	Tidy It Up TRS-80 Level II Renumbering Routine by I Addinsell
PCW	Jy	p67	c	Correction for TRS-80 Renumber (PCW May '79)
PCW	Ag	p35	a	MK14. Pseudo Random Number Generator On Your Mark, Get Set by Clifford Clark
PCW	Ag	p51	a	What Sort of Sort? by William Samson
PCW	S	p76	a	A Limited Time Response Subroutine by D R Pains
PCW	N	p	a	Glitch Free Loading (Nascom) by 112
Per. Comput.	Mr	p32	a	Two Handy Programs in North Star BASIC: ADDSUB & DUMPFILE by Ilona Grochalska
Per. Comput.	Ag	p24	a	Formatting Numbers in 8K BASIC by Bill Roch
Per. Comput.	Ag	p44	a	BASIC Assembly Language Loader, Let's Have a Ball by Rod Hallen
Per. Comput.	O	p44	a	BASIC Renumbering by Charles Ballinger
Pop. Elec.	Mr	p89	a	Computer Bits: Random Number Generators by Hal Chamberlin
Rec. Comput.	Mr	p46	a	Easy POKEing with Applesoft BASIC by Chuck Carpenter
"68" Micro	F	p13	a	FLEXtm to BDF by Dale Puckett
"68" Micro	My	p17	a	Transfer (FLEX1 to FLEX2) by Dennis Womack
"68" Micro	My	p21	a	A 6800 Timiing Delay by Howard Berenborn
"68" Micro	My	p33	a	BOOT (FLEX -- BFD by Dale Puckett
"68" Micro	My	p37	a	Paper Tape Reader Program by Chuck Adams
"68" Micro	Je	p13	a	LOCATE (6800 assembled program) by Dennis Womack
"68" Micro	Je	p17	a	BASIC Renumbering for SWTPC 8K BASIC by Mickey Ferguson
"68" Micro	Je	p29	a	Time Prompts for FLEX (6800) by R Dembinski
"68" Micro	Jy	p33	a	Print Spooling for SSB (6800 Listing) by Dan Johnson
"68" Micro	Jy	p39	a	6800 Memory Clear by Brian Abernathy
"68" Micro	Ag	p13	a	TSC Cassette BASIC--Patch Disk Save and Load by Mickey Ferguson
"68" Micro	Ag	p26	1	Comments and Patch to Ferguson's BASIC Renumbering by Geoffrey Gass
"68" Micro	Ag	p28	1	Comments & Patch to 6800 Timing Delays by R Furuhnelm
"68" Micro	Ag	p28	a	Sphere Still Here? Print Using for CSS BASIC by Jeff Brownstein
"68" Micro	S	p27	a	INTEG Utility Modification (FLEX DOS) by Ken Stamm
"68" Micro	S	p29	a	Lower Case to Upper Case by Geoffrey Gass
"68" Micro	O	p29	a	Pause Control Subroutine (FLEX) by James Caldwell
"68" Micro	O	p33	a	Renumber Patch (PERCOM) by Ken McCullough
"68" Micro	O	p33	a	Procedure Library (6800) by Gary Magnusen
"68" Micro	N	p8	a	Algebraic to Polish Expresion Translation by Jack Bryant
"68" Micro	N	p26	a	SWTPC CT-82 Configuration Routine (Listing) by Anthony Niesz

SOFTWARE: UTILITY PROGRAMS continued

80-U.S.	My	p10	a	String Packing Techniques Exposed! (TRS-80) by M Schmidt
80-U.S.	Jy	p34	a	System Command: Software Lower Case by Phil Pilgrim
80-U.S.	Jy	p37	a	Maintaining Editable Lists by Richard Hackney
80-U.S.	Jy	p42	a	Renew That Program (Restore Lost Programs) by Bill Roberts
80-U.S.	S	p16	a	A TRS-80 Line Spooler by Anthony Pepin
80-U.S.	S	p12	a	Interactive Level I Keyboard by T Rosenbaum
80-U.S.	S	p36	a	System/Command: Appending Statements Using Cload by Phil Pilgrim
80-U.S.	S	p48	a	Full Screen Printing is Easy by Robert Labenski
80-U.S.	N	p28	a	Super Sorting (A sorted Affair fro TRS-80) by T Dettmann
80-U.S.	N	p34	a	Restoring Disk Files TRS-80 by T Dettmann
80-U.S.	N	p40	a	System Command: Machine Language Program Relocation by Phil Pilgrim
80-U.S.	N	p54	a	Software Review: TDISK, FLEXL & ATERM by Roy Groth

SPEECH

Byte	O	p113	a	The TRS-80 Speaks, Using BASIC to Drive a Speech Synthesizer by Tim Gargagliano
Byte	D	p54	a	Faster Audio Processing with a Microprocessor by William J Dally
Comp. Des.	Je	p95	a	Speech Recognition Technology by E Joseph Simmons
Cr. Comput.	Je	p96	a	TRS-80 Voice Synthesizer Phonetically Speaking (L!SS8N79NDSSP345LL) by John Rogers
Cr. Comput.	Jy	p30	a	Equip. Profile: Heuristics Speechlab by Larry Press
Cr. Comput.	O	p42	a	Mountain Hardware Super Talker by Steve North
Dr. Dobbs	F	p18	a	Let Your Computer Speak ASCII by G Gaugler
Dr. Dobbs	Je	p32	a	How to Make Your Computer Talk - The Song of the CPU by Charles M Phelan
EDN	N 20	p159	a	Voice input and output by Ed Teja
Electronics	D 20	p123	a	Talking meter voices dc voltage readings by William S Wagner
Interf. Age	Je	p72	a	Speech Synthesis with Linear Predictive Coding by Larry Brantingham
Kilobaud	F	p99	a	The Apple Speaks...Softly by Robert Bishop
Kilobaud	Ap	p66	a	Free Speech Lessons for the TRS-80 by Jim Wright
Micro	Je	p57	a	Sym-1: Speak To Me by Jack Gieryic
Micro	S	p35	a	Speech Processor for the PET by Charles Husbands
onComputing	W	p48	a	A Voice for Bill by Mark Dahmke
PCW	S	p43	a	Checkout: Heuristics Speechlab by Stephen Withers

STANDARDS

Byte	S	p152	b	Computer Systems Performance Evaluation by Domenic Ferrari
Byte	N	p196	a	A Proposed Graphics Software Standard, Part 1 by Vincent C Jones
Byte	D	p82	a	A Proposed Graphics Software Standard by Vincent C Jones
Dr. Dobbs	My	p44	a	Software Standards Who Needs Them? by Tom Pittman
Dr. Dobbs	S	p30	a	A Proposed Standard for a 16 Bit System Data Exchange by Charles B Falconer
PCW	N	p89	a	On the Line: High Level Protocols by David Hebditch

STORES AND ENTERPRISES

Byte	My	p207	a	The Problem of Software Piracy Revisited: A Proposal by Vernon Vinge
Byte	Jy	p193	e	World Power Systems: A Report by Chris Morgan
Cr. Comput.	Ja	p100	b	Bookshelf: How to Profit from Your Personal Computer by T G Lewis
Cr. Comput.	Jy	p98	a	Twice Burned: Data Sync & World Power Systems by John Craig
Cr. Comput.	D	p48	a	Ithaca Intersystems Inc. by David Ahl
Interf. Age	Ja	p67	a	1978 Microcomputer Survey
Interf. Age	F	p86	a	The Real World of Microcomputing: The Automated Retailer by Matthew Tekulsky
Interf. Age	Jy	p50	a	The OEM Connection by Terry Costlow
Interf. Age	Ag	p82	b	The Incredible Secret Money Machine by Don Lancaster
Interf. Age	D	p52	b	How To Make Money with Your Microcomputer by Carl Townsend & Merl Miller
Kilobaud	Ja	p88	a	A Service Bureau for Hobbyists by Peter A Stark
Kilobaud	Mr	p14	b	The Incredible Secret Money Machine by Don Lancaster
Kilobaud	Je	p25	b	The Datasearch Guide to Low Capital, Startup Computer Businesses
Kilobaud	S	p14	b	Starting and Managing Your Own Engineering Practice by John A Kuecken
Kilobaud	S	p68	a	The Failure of a Micro in Business by Terry Kepner
Kilobaud	O	p56	a	Anatomy of a Scam, World Power Systems by Terry Kepner
onComputing	Su	p96	a	Your Neighborhood Computer Store
onComputing	Fl	p67	a	A Computer Store Directory
onComputing	W	p70	a	Computer Store Directory, Update
PCW	Ja	p45	a	Softly...Softly...Selling Microcomputer Software by Julian Allason
Per. Comput.	Mr	p76	b	How to Profit From Your Personal Computer by T G Lewis
Per. Comput.	Je	p89	b	The Incredible Secret Money Machine by Don Lancaster
Per. Comput.	Jy	p7	e	Bogus Micro Company Uncovered (World Power Systems) by Ann Dooley
Rec. Comput.	N	p59	b	The Incredible Secret Money Machine by Don Lancaster

TERMINALS

Byte	Ja	p168	1	Lower case fix for H9 (Heath Bit) by William W Moss

TERMINALS continued

Byte	F	p76	a	Assembling the ADM-3A by Paul Franson
Byte	Mr	p190	a	Adding Lowercase Display to the ADM-3A by A W Walker
Cr. Comput.	Jy	p20	a	The Graphics Terminal: SWTP's CT-82 by Clay Abrams
Cr. Comput.	Ag	p38	a	Imsai's VIO Board, 80 characters per line and Graphics too! by Rod Hallen
Dig. Design	F	p36	a	Selecting a CRT? Characteristics need careful matching by Ted Ellison & Tom Hadley
Dig. Design	F	p44	a	Latest Semiconductor Technology Offers Terminals More by Peter Shaw & Walt Foley
Dig. Design	My	p50	a	Teminal Operating System (Perkin Elmer) by Mark Crowley
Dig. Design	Je	p30	a	Designing a Low-Cost Terminal with LSI Chips by Helge Mortensen
Dig. Design	Je	p79	a	Data Entry Peripherals: Criteria for Selecting CRT Terminals
Dig. Design	Jy	p76	a	Intelligence: How Will It Affect Alphanumeric & Graphic Terminals by Paul Snigier
Dig. Design	N	p28	a	Evolution of Video Terminals (DEC) by Mary Cole
Dig. Design	N	p32	a	Intelligent Terminals: What the Systems Designer Should Look For by Darrell Crow
Dig. Design	D	p26	a	CRT Terminals in 1980
Dr. Dobbs	O	p34	a	Main Software, Teletype Terminal Interface (Digital Group) by Donald Faulkner
Dr. Dobbs	N	p56	c	Correction for Main Software Teletype...(DDJ Oct. '79 p34) by Donald Faulkner
EDN	O 5	p55	a	Low-cost CRT terminals grow smarter but not more expensive by Dennis Burke
Elec. Des.	Jy5	p70	a	Two chips turn a TV set into an alphanumeric/graphic terminal 6847/1372 by Jack Browne & James Farrell
Elec. Des.	Ag2	p90	a	Simplify CRT-system design with transparent addressing (SY6545) by Conrad Boisvert
Elec. Des.	O 25	p119	a	Focus on CRT terminals: Interactive processing & color graphics
Interf. Age	F	p84	a	MIME-1: New Terminal New Idea by Carl Warren
Kilobaud	Mr	p96	a	Teletype's KSR-43 by Clive Pearson
Kilobaud	Ap	p47	a	SWTP CT-1024 Mod (Power Supply) by Glen A Deibert
Kilobaud	S	p24	a	A Look at Terminals by Jim Perry
Kilobaud	S	p88	a	End Those Terminal Blues: Lear Siegler's ADM-3A by Joel Holyoak & Robert Wier
Radio Elec.	Mr4	p60	a	CRT Terminals--Selecting The Right One by Karl Savon
"68" Micro	Mr	p7	a	A Look at the SWTPC CT-82 Video Terminal by Mickey Ferguson

TEST EQUIPMENT

Byte	Ja	p186	a	An Audible Logic Test Probe by James L Woodward
Byte	S	p160	a	Handy Pulser by Bob Chrisp
Byte	N	p222	a	Build a Simple Digital Oscilloscope by Frank DeCaro
EDN	Ja20	p60	a	8080 circuit corrects BCD meter offset by P E Ridgeway
EDN	F 5	p32	a	Capable low-cost instruments measure up to your requirements by Andy Santoni
EDN	Mr5	p67	a	Low-cost oscilloscopes by Andy Santoni
EDN	Ag20	p118	a	Let your personal computer talk to test equipment by David Smith
EDN	N 5	p91	a	IEEE-488 compatible instruments by Andy Santoni
EDN	N 20	p83	a	DMMs add functions and features as prices fall by Andy Snatoni
Elec. Des.	Ja4	p166	a	Build your own capacitance meter with a dual timer and simple parts by Arturo Sancholuz
Elec. Des.	Ap12	p161	a	Comparing hand-held capacitance meters
Elec. Des.	Ag2	p116	a	Pickup coil makes easy work of finding shorts on systems buses by Keith Timothy
Elec. Des.	S 1	p124	a	LED array & low-cost components monitor digital or analog waveforms by John DeRosa
Elec. Des.	O 11	p68	a	Instruments '80 Probing the high-IQ world of measurments by Stan Runyon
Elec. Des.	N 8	p98	a	Indicator shows presence of pulses with rep rates from 1.5 Hz to 75 MHz by Marian Stofka
Elec. Des.	D 6	p124	a	Glitch catcher finds noise, transients in logic circuits by Irving Simon
Electronics	Ja4	p148	a	C-MOS tester checks for assembly errors by Joseph Gaskill
Electronics	Mr29	p120	a	Digital voltmeter has audible output by William S Wagner
Electronics	Ap26	p154	a	Dynamic go/no-go checker gauges pulse-width range by R E S Abdel-Aal
Electronics	Je21	p145	a	Board continuity tester senses only dead shorts by Andrew R Morris
Electronics	D 20	p123	a	Talking meter voices dc voltage readings by William S Wagner
Ham Radio	F	p83	a	High Performance TTL Logic Probe by Andrew White
Ham Radio	Je	p50	a	The Digiscope by Tom Seevers
Kilobaud	Jy	p26	a	IC Logic Tester and Parallel I/O Expander by F R Ruckdeschel
Kilobaud	S	p116	a	Build Your Own TTL Diagnostic Aid by Robert Stetson
Kilobaud	O	p64	a	KIMCTR Measures Capacitance by Clement Pepper
Kilobaud	O	p78	a	Probos V Logic Probe by Steve Dominguez
Micro	Je	p41	a	AIM 6522 Based Frequency Counter by Marvin DeJong
QST	Jy	p22	a	Vest Pocket TTL Logic Probe by E Rogers & Garry Bartels
QST	Ag	p32	a	An Audible Digital Voltmeter (6800 Based) by William Wagner
Radio Elec.	Ja	p39	a	Build This: 600 MHz Portable Frequency Counter by Jim Colburn & Bill Owen
Radio Elec.	Mr	p41	a	New Trend In DMM's by Martin Bradley Weinstein

TEST EQUIPMENT continued

Radio Elec.	Ag	p37	a	Build This 4 1/2 Digit Precision DMM by Bill Owen
"68" Micro	N	p33	a	Logic Gate Tester by S Houng
73	F	p137	a	Build An Economy Zener Checker - versatile test rig by Lee Reed
73	Je	p50	a	Ultra Simple CMOS Logic Probe by Mark Forbes

TIMESHARING

Byte	Mr	p194	a	Password Protection for Your Computer by R Jordan Kreindler
Byte	Ap	p224	a	Microcomputer Timesharing, A Review of Techniques by Kenneth J Johnson
Byte	Je	p228	a	Timesharing: Squeezing the Most from your Micro by Sheldon Linker
Byte	S	p20	a	Introduction to Multiprogramming by Mark Dahmke
Cr. Comput.	S	p98	a	Micro Time-Sharing by Jeff Levinsky
Dr. Dobbs	Ja	p6	a	CHAOS An Interactive Timeshared Operating System for the 8080 by Jeff Levinsky
Interf. Age	Ja	p62	a	TIMESHARING: A Part of Business with the Alpha Micro System by Terry Costlow
Micro	N	p35	a	TSAR: A Time Sharing Administative Routine for the KIM-1 by Philip Hooper
PCW	Mr	p37	a	NETWORK by L K Darnton
Rec. Comput.	S	p58	a	Reviews: Cluster One Disk Sharing System

VIDEO DISPLAYS

Byte	F	p46	a	Use Your Television Set as a Video Monitor by Timothy Loos
Byte	My	p52	a	Single Chip Video Controller by Bob Haas
Byte	My	p130	a	The Intel 8275 CRT Controller by Chris Tennant
Byte	My	p229	b	The Cheap Video Cookbook by Don Lancaster
Cr. Comput.	Ag	p38	a	Imsai's VIO Board, 80 characters per line and Graphics too! by Rod Hallen
Cr. Comput.	Ag	p86	a	Image Processing with COMPIC's Computer Portrait System by Paul Johnson
Cr. Comput.	O	p25	a	Equip Profile: Periphicon 511 Optical Image Digitizer by William Blewett
Cr. Comput.	O	p46	a	A Computer Driven Real Three-Dimensional Display by Jon Cohen
Cr. Comput.	D	p78	a	Digitized Video Images by John Craig
Dig. Design	S	p56	a	CRT Light Pen Technology and Design by Robert Klatt
Dr. Dobbs	Ag	p35	a	Product Review: The 8275 CRT Controller by Jim Day
Dr. Dobbs	N	p38	a	Prelim Programming Specs, VDM-2/Graphic Display by Lee Felsenstein
EDN	Je5	p145	a	Programmable CRT-controller ICs adapt easily to uC display needs by Maurice Uebelhor
EDN	Je5	p145	a	Programmable CRT-controller ICs adapt easily to uC display needs by Maurice Uebelhor
EDN	S 5	p207	a	Interlaced video displays utilize low-cost CRT controllers by Brian Clayton
Elec. Des.	Je21	p94	a	Simplify video-display design by using a versatile IC controller (6845) by Charles Melear & Jack Browne
Elec. Des.	Jy5	p70	a	Two chips turn a TV set into an alphanumeric/graphic terminal 6847/1372 by Jack Browne & James Farrell
Elec. Des.	O 11	p31	a	Display graphic or text data on CRT monitors or TV sets (TMS9918) by Morris Grossman
Electronics	Ja18	p120	a	Standard ICs provide raster scan interface by Serge Poplavsky
Electronics	Ja18	p124	a	Converting digital data into color television graphics by Mitch Gooze'
Electronics	O 11	p154	a	Doubling the character rate handled by CRT Contollers by Conrad J Boisvert
Interf. Age	My	p47	a	The Inventor's Sketchpad: A 3-D System by Roger Garrett
Interf. Age	Je	p92	a	CRT Monitor Design Using the Intel 8275 by Arthur A Carapola
Interf. Age	D	p86	a	A Video Board for 6800 Systems by Bill Turner
Interf. Age	D	p90	a	A Color Television Interface by William Rogers
Kilobaud	F	p70	a	Build a $50 TVT! by Duane Amundson
Kilobaud	Mr	p52	a	Is Your Video Monitor Dangerous? by Sherma Wantz
Kilobaud	Je	p48	a	TVBUG by Tim Ahrens
Kilobaud	Je	p84	a	Microcomputers and TVI by Frank Derfler
Kilobaud	O	p9	b	The Cheap Video Cookbook by Don Lancaster
Kilobaud	O	p88	a	Video DMA Interface for SWTP Systems by Dewey Holten & Jerry Boehme
Kilobaud	N	p104	a	The Best for Less SSM Video Board from Jade by Ken Hopkins
Kilobaud	D	p114	a	Peak Your TRS-80 Display by David Miller
Kilobaud	D	p128	a	Reverse Video from OSI's 540 Board by Richard Lary
Micro	Ap	p34	a	The TVT-6: A User's Report by Edward Chalfin
PCW	Ja	p56	a	Super Scamp's V.D.U. A Simple Micro Ouput Device by W G Marshall
PCW	Je	p47	b	The Cheap Video Cookbook by Don Lancaster
PCW	Jy	p42	a	Visionlink More VDU Bits, Interfacing & Software for Superscamp's VDU by W G Marshall
Per. Comput.	Ja	p83	b	The Cheap Video Cookbook by Don Lancaster
Pop. Elec.	My	p74	a	Microcomputer Video Board Buying Directory
Rec. Comput.	My	p44	a	TV Test Pattern (TRS-80) by Milan Chepko
"68" Micro	F	p31	a	Soup-Up Your TVT by Edgar Pass
"68" Micro	My	p35	a	Freeze Display - SSB by Dan Johnson
"68" Micro	Ag	p32	a	Thomas Instrumentation's Video RAM review by J Morrow
"68" Micro	S	p21	a	GIMIX Super Video Board
73	N	p90	a	Computerized Slow Scan...Revisited - further enhancements by Clayton Abrams

WEATHER AND THE ENVIRONMENT

Byte	Jy	p16	a	Graphic Input of Weather Data by Stephen P Smith
Byte	Jy	p120	a	Sonic Anemometry for the Hobbyist by Neil Dvorak
Electronics	Ag30	p156	a	Cupless anemometer has diode wind-sensor by J P Scoseria
Kilobaud	O	p84	a	Hurricane! Location and Distance Calculator by Bryce Segar
Per. Comput.	Ja	p23	a	A Program for All Seasons, WEATHERMAN by Glenn Prescott

WORD PROCESSING AND TEXT EDITING

Byte	Ja	p176	a	A Micro Word Processor by Theron Wierenga
Byte	Mr	p226	1	Text Editor by Phillip Hays
Byte	Je	p156	a	BASIC Text Editor by Fred R Ruckdeschel
Byte	S	p58	a	A Similarity Comparator for Strings by T C O'Haver
Byte	D	p106	a	Text Compression by James L Peterson
Compute	F1	p13	a	Three Word Processors: A User Manual of Reviews by Len Lindsay
Compute	F1	p100	a	Review: 6502 Macro Assembler and Text Editor SYM Version by Carl Moser
Cr. Comput.	Ja	p76	a	Down With Typewriters!, Smoke Signal Word Processing Software Profile by Ralph Roberts
Cr. Comput.	F	p28	a	Interview With Michael Shrayer (Electric Pencil) by David Ahl
Cr. Comput.	F	p30	a	Profile: A New Kind Of Pencil "Electric Pencil" by John Craig
Cr. Comput.	My	p28	a	Word Processing Systems: Points to Consider by Irwin Doliner
Cr. Comput.	My	p32	a	Beyond The Text Editor by Derek Kelly
Cr. Comput.	My	p34	a	Profile: Polymorphic 8813 Word Master by Steve North
Cr. Comput.	My	p36	a	Profile: W P Daisy Word Processing System by R W Hamilton
Cr. Comput.	My	p43	a	Profile: IDSWORD-The Comprehensive Processing System for Home & Business by Victor Heyman
Cr. Comput.	My	p46	a	Profile: Peripherals Unlimited Text Editor by Jim Hunter
Cr. Comput.	My	p50	a	Profile: Wordmaster Text Editor by Glenn Hart
Cr. Comput.	Ag	p98	a	Manipulating Pencil Files, Convert them to BASIC by Rosann Collins, Theodore Hines & George Rowan
Cr. Comput.	O	p50	a	Battle Of the Word Processors by Rod Hallen
Cr. Comput.	N	p48	a	The Battle of the Word Processors part II by Rod Hallen
Cr. Comput.	D	p28	a	On Buying a Word Processing Printer and other good fun by David Ahl & Steve North
Dr. Dobbs	Ja	p38	a	A Primitive Report Generator Implemented In Zilog System Commands by W M McKeeman
Dr. Dobbs	Mr	p26	a	VICE VERSA Pencil to CPM and CPM to Pencil by Jim Gagne
Dr. Dobbs	Mr	p47	1	A Line-File Editor by L Barker
Dr. Dobbs	Ap	p4	a	WP-68 Word Processor by Gary D Gaugler
Dr. Dobbs	My	p4	a	The Software Tools FORMAT Program: An 8080 Version by Mike Gabrielson
Dr. Dobbs	Je	p42	a	Product Review: Electric Pencil Version I by Paul W Marsh
EDN	Ag20	p111	a	Character-string manipulations power a text editor by Jack Hemenway & Edward Teja
Interf. Age	Ap	p80	a	PRO-TYPE, A Low-Cost High-Quality Wordprocessor by Carl Warren
Interf. Age	My	p96	a	Word Processing in BASIC, A TRS-80 Letterwriter by C L Cooper
Interf. Age	My	p144	a	TEX: A Text-Output Formatter for CP/M by Alan R Miller
Interf. Age	Jy	p76	a	Saving Time While Keeping Minutes by Jon R Lindsay
Interf. Age	Jy	p152	a	EDIT-80: Microsoft's System Editor for CP/M by Alan R Miller
Interf. Age	O	p54	a	Business Software Review; Letteright, Wordmaster & Tex-writer by Carl Heintz
Interf. Age	D	p135	a	ED-80: SDT's Editor for CP/M by Alan Miller
Kilobaud	Ja	p22	a	An Editor for 6800 BASIC Programs by Peter A Stark
Kilobaud	Je	p125	c	Correction for Editor for 6800 Basic (Kilobaud Jan '79 p22)
Kilobaud	Ja	p44	a	Address List Editor by Brian E Bateman & Sherman Wantz
Kilobaud	F	p110	a	Text/Document Preparation Made Easy by Phil Hughes
Kilobaud	Mr	p114	a	The Electric Pencil by Rod Hallen
Kilobaud	My	p26	a	A Text Formatter in BASIC by R M Law
Kilobaud	Je	p32	a	TRS-80/Selectric Word Processor by Allan Domuret
Kilobaud	Ag	p78	a	REPORT, Financial report program by Forest Myers
Kilobaud	N	p66	a	Text Editing for the TRS-80 by Roland Abe
Kilobaud	N	p162	a	A BASIC Dollar Edit $ubroutine by Michael Donahue
Kilobaud	D	p116	a	Tiny Text Editor for the 1802 by R Petty
Micro	Ap	p5	a	An Apple II Program Edit Aid by Alan Hill
Micro	O	p5	a	Nicer Writer by Rick Connolly
onComputing	Su	p12	a	Writing with a Microcomputer by Jerry Pournelle
PCW	Ja	p49	a	Text Processing Demonstrated, How the uC can help improve efficiency by S D Danton
PCW	Ag	p29	a	So, I Got a Wordprocessor by Edward Hawthorne
Per. Comput.	My	p72	a	Michael Shrayer's Electric Pencil by Joseph Greenleaf
Per. Comput.	O	p54	a	Word Processing: A Novel Program by Charley Winterbauer
Rec. Comput.	Jy	p12	a	The Dedicated Word Processor by Jon Lindsay
"68" Micro	Jy	p34	a	TSC Text Editor XBAK Command by John Jordon
"68" Micro	S	p30	a	Diskedit, (6800) by R Lajeunesse

WORD PROCESSING AND TEXT EDITING continued

"68" Micro	O	p23	a	Line Editor (6800) by Chuck Adams
"68" Micro	N	p10	a	BASIC (MSI) Sting Editor by E Pass
"68" Micro	N	p27	a	FLEX DOS command from EDITOR by Art Weller
80-U.S.	Ja	p21	a	TEXT 80 (TRS-80) by Kristi Schmidt
80-U.S.	Jy	p37	a	Maintaining Editable Lists by Richard Hackney
80-U.S.	S	p30	a	Electric Pencil Patch for NewDos by Richard Miller

AUTHOR INDEX

A

Abe, Roland - TRS-80 uC, Word Proc.
Abernathy, Brian - Softw. Utility
Abrahamson, Robert - BASIC
Abramovich, Abe - Mem: PROM
Abrams, Clayton - Amateur Radio, Terminals, Video Displ.
Adams, C K - Game: Calc
Adams, Chuck - BASIC, Mem: Tape, Softw. Utility, Word Proc.
Adams, Jack N - Softw. Applic.
Adams, Russell E - Modem
Adams, Scott - Game: Computer
Adan, Manolito - Mem: PROM
Addinsell, I - Softw. Utility
Adler, Alfred - Business Applic., Construc, Math, Other uC's, # Base Conv., Softw. Applic., Softw. Utility
Adlerstein, Sid - Modem, Serial I/O
Agocs, W B - BASIC, Softw. Applic.
Ahl, David - Art, Debug Hard, Game: Computer, Game: Elec, History, uC Gen., uC Select, Atari uC, TI uC, Other uC's, Music, Printer, Stores, Word Proc.
Ahl, Detta - Experience, Per Comput
Ahl, Howard - Game: Elec
Ahrens, Tim - Motorola uP, Video Displ.
Albing, Bradley - Digital Hard, Power Supply
Albrecht, Bob - Calc. Gen, Education, BASIC, TRS-80 uC
Albrecht, Karl - Education, PET uC
Albus, James - Robots
Aldridge, Don - Analog A/D
Alekar, S V - Serial I/O, Softw. Utility
Alfke, Peter - Zilog uP
Alkire, Robert - Mem: RAM, Softw. Utility
Allason, Julian - Applic. Gen, Prog: Gen, Stores
Allen, Charlton H - Prog: Fund.
Allen, John R - LISP, Other Lang.
Allen, Stephen - Math Problems, Robots
Allison, Dennis - Prog: Fund.
Allwork, John - Game: Computer
Altmayer, Nancy - Music
Ambuter, Bruce - Analog Hard.
Amir, Gideon - Mem: RAM
Amsterdam, Jonathon - Game: Computer
Amundson, Duane - Video Displ.
Andersen, H Frank - Softw. Applic.
Anderson, Bud - Books
Anderson, John - Prog: Fund.
Anderson, Leonard - Analog A/D, Logic
Anderson, Ronald - Prog: Fund.
Anderson, Timothy - Game: Computer, Simulation
Anderton, Craig - Interface
Andrews, Lawrence C - BASIC, FORTRAN, Pascal
Appleton, John - Mem: Tape, Softw. Utility
Armstrong, Arthur - Gen Interest, Keyboard
Armstrong, John - Softw. Applic.
Arnold, Bill - Softw. Applic.
Aronofsky, J - Business Gen, Calc. Gen
Aronson, Milton Howard - Logic
Arp, Robert C - Calc. Gen
Ascolillo, Carol - Home
Atkin, Larry R - Game: Chess
Atkins, R Travis - uC Fund, Prog: Fund.
Atkinson, Chuck - Business Acct
Atkinson, Jerry - Game: Computer
Atwood, John R - North Star uC
Auricchio, Richard - Game: Computer
Avery, Jon E - Softw. Op Sys
Axson, Mervyn - Business Gen

Babcock, Robert - Kim uC
Babylon, Roy - Softw. Applic.
Back, Edward - Home
Back, Sandra - Home
Badgett, J Tom - BASIC, Ohio Sci. uC, Printer
Bahr, Dennis E - Simulation
Bajcz, Bill - PET uC, Printer
Baker, Alfred S - Applic. Gen, Definitions, Game: Computer, Mem: Disks, Atari uC, Softw. Applic.
Baker, Robert - Keyboard, PET uC
Baldwin, Fred - Fiction
Ball, John A - Math
Ballard, Dan R - uC Des
Ballinger, Charles - Softw. Utility
Balph, Thomas - Softw. Assemb.
Bamurush, Michael A - Graphics
Banahan, Mike - Softw. Assemb.
Banet, Bernard - Education
Banks, Amberse M - North Star uC, Softw. Op Sys
Banning, John - Interface, Zilog uP
Baraga, John - Business Gen
Barbier, Ken - Business Gen, Digital Hard, I/O, Math Problems, Exidy uC, Serial I/O, Softw. Utility
Barden, William - uC Fund, TRS-80 uC, Intel uP, Zilog uP, Prog: Fund., Softw. Assemb.

Barker, L - BASIC, Softw. Utility, Word Proc.
Barnes, Larry - Gen Interest, Per Comput
Barnett, Bruce - Math, Prog: Fund.
Barocio, Joe - Calc Prog
Barrett, Robert - Graphics
Barrette, Pierre - Education
Barry, Tim - Construc, Debug Hard, Softw. Applic.
Barstow, Daniel - Education
Bartels, Garry - Test Equip
Bartlett, John - Intel uP
Barton, Bill - Mem: Tape
Baseshore, Paul - Softw. Utility
Bass, R - BASIC, Mem: PROM
Bate, Roger R - Pascal
Bateman, Brian E - Business Applic., Word Proc.
Battersby, Mark - Business Applic.
Baxter, Keith - Robots
Bayless, P L - Calc Prog
Beard, David - Tiny Lang., Softw. Applic.
Beasley, Kimball - Business Applic.
Beaston, John - Amateur Radio, Code Conv, Mem: Test
Beck, Douglas - Mem: Disks, Softw. Op Sys
Beckmann, Peter - History
Beer, Martin - Lang. Gen.
Beetem, John - Intel uP, Softw. Utility
Behrns, Ron - Game: Computer
Belais, Paul - Softw. Applic.
Bell, Fred - Education
Bell, Gordon - Clock, PET uC
Bell, Scott - Game: Computer
Bemer, R W - Clock
Bender, A L - Softw. Utility
Benedict, Leo - Fiction
Benevides, Francis - Digital Hard
Benjamin, M O - Graphics, TRS-80 uC
Bennett, Bob - Analog Hard.
Bennett, Peter - SWTPC uC
Bennett, William Ralph - Applic. Gen
Berenborn, Howard - Game: Computer, Home, Softw. Applic., Softw. Utility
Berenstein, Mark - Amateur Radio
Berg, Eldon - Books
Berkbigler, L - Digital Hard
Bertsch, John E - Game: Calc
Best, Francis - Game: Chess
Beynon, R J - Exidy uC
Bhargava, Rajiv - I/O
Bhat, M V - Prog: Fund.
Biese, Leo P - Business Applic.
Biles, Noel - Mem: Tape
Billings, Karen - Calc. Gen, Education
Binder, Richard - I/O
Birnbaum, Irving - Business Applic.
Bishop, O N - Game: Calc
Bishop, Robert J - Graphics, Apple uC, Speech
Bitner, Haim - # Base Conv.
Bixby, Donald - Serial I/O
Blakely, Deborah - Art
Blakeslee, Thomas - Logic
Blalock, John - Kim uC
Blank, George - Game: Computer, Graphics, Printer, Prog: Fund., Softw. Assemb.
Blank, Marc - Game: Computer, Simulation
Blasco, Richard W - Other uP's
Blechman, Fred - TRS-80 uC
Blessing, Richard A - Softw. Applic.
Blevins, Charles - Mem: Tape
Blewett, William - Graphics, Video Displ.
Block, Dennis - uC Des
Blodgett, James - Game: Calc
Blood, William - Softw. Assemb.
Blum, Richard - Graphics
Blume, Glendon W - Education
Boaz, Ray - I/O, Motorola uP
Boaz, Wilson R - Mem: Tape
Bobek, Frank - Education, Softw. Applic.
Bobo, Ronald H - Game: Chess, TRS-80 uC
Bockelmann, John - Softw. Utility
Bocker, H D - Education, LISP
Boehme, Jerry - SWTPC uC, Video Displ.
Boelke, Gil - Amateur Radio, Softw. Applic.
Boettler, James L - BASIC
Bohon, Thomas - Other uC's, SC/MP uP
Boisvert, Conrad J - Terminals, Video Displ.
Bolan, Michael - Mem: PROM, Mem: RAM
Bolton, Clive - Interface
Boney, Joel - Debug Hard, Motorola uP
Bong, Ban - Digital Hard
Boniakowski, Jozef - Amateur Radio
Boonham, J C - uC Gen.
Booth, Al - Graphics, Apple uC
Borchers, M - Business Acct, Softw. Applic.
Borgerson, Mark - Game: Computer
Borochoff, Ronald T - Heath uC, Softw. Assemb.
Boron, Max - Bit Slice uP
Bosen, Bob - Debug Hard, Debug Soft, Keyboard, Serial I/O
Bosworth, Bruce - Business Gen
Botvinnik, M - Game: Chess
Boule', Bernard - Digital Hard
Bout, G A Van den - Lang. Gen.
Bowden, Caspar - Other uC's, 9900 uP
Bowden, Jay C - Graphics, Printer
Bowker, Timothy G - Math
Boyd, Robert - Softw. Assemb.
Bradford, L William - Game: Computer
Bradley, James A - Education
Bradley, Milton - Game: Computer
Bradshaw, Peter - Analog A/D
Brady, Virginia Lee - Softw. Utility
Brainard, Robert - Analog A/D
Brander, Ray - Game: Computer
Brantingham, Larry - Speech
Braun, Jerry - uC Des
Bregoli, Larry - Digital Hard, Math
Brennan, James - Clock
Bretz, Bill - Power Supply
Bridge, Theodore - Game: Computer
Brisson, Dennis - Clubs
Broderick, John - Softw. Applic.
Brodnick, Donald - Keyboard
Brooks, Emerson - Home
Brooner, Ernie - Business Gen, Business Applic.
Brown, Cam - Education
Brown, Gary - 9900 uP
Brown, Jerald - BASIC
Brown, Mike - Prog: Gen
Brown, R W - Softw. Applic.
Brown, Robert G - APL
Brown, Roger - uC Select
Brown, Wendell - Graphics, North Star uC
Browne, Jack - Terminals, Video Displ.
Brownstein, Jeff - BASIC, Softw. Utility
Brubaker, George - Education
Bruery, Alfred - Math, PET uC
Brunelli, Albert C - Analog A/D
Brunner, Dick - Mem: RAM
Bryant, Jack - Applic. Gen, Math, Softw. Applic., Softw. Utility
Bryce, Heather - Motorola uP
Bryson, Don - Mem: Bubble
Budsinski, Robert - Code Conv
Buer, Darrel J Van - Intel uP
Bullard, Gary - Math

Bullitt, George - TRS-80 uC
Bulmer, L - Education, Softw. Applic.
Bungay, H R - Digital Hard
Bunnell, David - BASIC, uC Fund, TRS-80 uC, Per Comput
Burawa, Alexander - Printer
Burke, Dennis - Terminals
Burke, John - Code Conv, Softw. Applic.
Burke, Timothy - Business Gen
Burkhart, - Education
Burnett, Joe - Kim uC
Burnley, Rich - Other uP's
Burns, Bruce - Other Lang.
Burris, David S - Softw. Utility
Burris, Ron - Mem: Disks
Bursky, Dave - Mem: Bubble, uP Select, Other uP's
Burstein, Steven - Music
Burt, Robert - Applic. Gen, Art
Burton, D P - Analog A/D
Burton, Louise - Per Comput
Burton, Phillip - Definitions
Busch, Carolyn - Home
Buskirk, Daniel R - Math
Busse, David - I/O, Interface
Bussiere, Bernie - Debug Hard
Butcher, Daryl - Analog A/D
Butler, Brett - PET uC, Softw. Utility
Butt, Sam - Digital Hard, TRS-80 uC, # Base Conv.
Butterfield, Jim - PET uC
Buttien, D - Game: Computer
Byrd, J S - Applic. Gen
Byrd, Wayne - Softw. Utility
Byrns, John - Motorola uP, Softw. Op Sys

C

Caldwell, Jim - # Base Conv.
Caldwell, James - Softw. Utility
Calver, Peter - Game: Computer
Cameron, John - Digital Hard, Math, Medical, Softw. Applic.
Camp, R C - uC Fund
Campbell, J Olin - Education
Campbell, Richard - Apple uC
Cannell, Theodore - TRS-80 uC
Capece, Raymond P - Mem: RAM
Capererello, Frank J - Mem: Test
Carapola, Arthur A - Video Displ.
Cardoso, Tom - Game: Computer
Carleton, Gene - Mem: Tape, Serial I/O
Carlin, Fred - Clock
Carlson, Robert - Printer, Softw. Applic.
Carlson, Ronald - Game: Computer, Simulation
Carlstrom, Randy - Clock, Digital Hard
Carpenter, Chuck - Business Gen, Business Applic., Calc Prog, Clock, I/O, Pilot, Apple uC, Kim uC, Printer, Softw. Assemb., Softw. Utility
Carpenter, Andrew A - Softw. Applic.
Carr, C J - Education
Carr, Everett - Education
Carr, Joe - Power Supply
Carter, L R - Game: Calc
Cass, James - Ohio Sci. uC
Caudell, Garry - Amateur Radio, SWTPC uC, Printer
Caudill, Pat - Develop Sys, Other Lang., Prog: Fund.
Cavlan, Napoleone - Logic
Cayton, Brian - Serial I/O
Cecil, Jim - Analog A/D
Cerny, James - Graphics, Humor
Chaffee, Roger - Game: Computer
Chalfin, Edward - Video Displ.
Chamberlain, Bruce - Ohio Sci. uC
Chamberlin, Hal - Graphics, Mem: Tape, Other uC's, Softw. Utility
Champ, James - Elf uC
Champion, Neal - Softw. Utility
Chan, Hark - Softw. Applic.
Chance', Pierre - Calc Prog, Math
Chance, R J - Softw. Utility
Chandra, Anil - I/O
Chapman, David - Future, Public Access
Charlton, Pete - Definitions
Chatfield, Colin - Softw. Applic.
Chattergy, Rahul - uC Des
Chayut, Ira - Softw. Utility
Cheairs, L Steven - Construc, Game: Elec, 1802 uP, Power Supply
Chelberg, David - Game: Chess
Chepko, Karen - Education, Game: Computer, TRS-80 uC
Chepko, Milan - Game: Computer, Graphics, TRS-80 uC, Softw. Applic., Video Displ.
Chereb, David - Math, Softw. Applic.
Chester, Daniel - Displays 7-seg
Chetty, P R K - Digital Hard
Chew, Paul - uC Select
Childress, Charles - Mem: Disks
Childress, J D - Softw. Utility
Chin, Sing W - Analog A/D
Chitayat, F - Clock
Chrisp, Bob - Test Equip
Christensen, Alan - Logic
Christianson, Gene - Softw. Applic.
Christopherson, Leo - Graphics, TRS-80 uC
Chryssis, George - Power Supply
Chu, Paul - Bit Slice uP
Churchman, Lee - Game: Computer, PET uC
Ciarcia, Steve - Clock, Communication, Construc, Displays 7-seg, Game: Computer, Game: Elec, Home, I/O, Medical, Mem: RAM, Intel uP, Music, Printer, Serial I/O
Clark, Allen - SWTPC uC
Clark, Carol Reedy - FORTRAN
Clark, Clifford - Debug Hard, Other uC's, Softw. Utility
Clark, R Lawrence - BASIC
Clarke, M R B - Game: Chess
Claxton, Bill - APL
Clayton, Brian - Video Displ.
Clem, Donald - Kim uC
Cleman, William - Amateur Radio
Clements, William - Mem: PROM, Kim uC
Cline, Ben E - Prog: Fund.
Clist, R S - Intel uP
Clover, Dick - Mem: Bubble
Clyne, Richard - Softw. Assemb.
Coats, R B - Simulation
Coburn, H Edgar - Gen Interest
Coffman, Tim - Mem: PROM
Cohen, David - uC Fund
Cohen, Jon - Graphics, Video Displ.
Cohen, Norman - Construc
Cohen, S - Game: Computer
Cohen, Theodore - Future, Gen Interest
Cohn, David L - uC Fund
Colantoni, Ren - Definitions, uC Fund
Colburn, Don - Softw. Op Sys, Softw. Utility
Colburn, Jim - Test Equip
Cole, Mary - Terminals
Coleman, Roger - Graphics, Music

Coll, John - Analog A/D
Collins, Rosann - Education, # Base Conv., Softw. Utility, Word Proc.
Collis, Bill - Mem: Disks, Softw. Utility
Colsher, William L - Game: Computer, Graphics, Math Problems, TRS-80 uC
Colt, John - Serial I/O, Softw. Assemb.
Colton, Mark - Mem: Tape, Softw. Utility
Combs, Harold - Softw. Utility
Comer, William - Softw. Utility
Comroe, Richard - Simulation, Softw. Applic.
Conboy, Terry - Amateur Radio, Softw. Applic.
Condra, David L - I/O, Interface
Connell, Russ - Softw. Applic.
Connolly, J John - Analog A/D
Connolly, Rick - Word Proc.
Cooley, Nick - Game: Computer
Cooper, C L - Word Proc.
Corb, J S - Game: Calc
Cornali, Del J - Business Gen, Prog: Fund.
Corrigan, Ann - Simulation
Cortesi, David E - Prog: Gen, Softw. Utility
Costas, John P - Code Conv
Costigan, Daniel - Printer
Costlow, Terry - Business Gen, Game: Elec, Gen Interest, Medical, Stores, Timeshare
Cotter, Robert - 1802 uP
Cowan, Robert - TRS-80 uC
Cowart, Ronald - TRS-80 uC
Cowen, Jeff - Applic. Gen, Education
Cowen, Murray A - Applic. Gen, Education
Cox, Gerald - Mem: Bubble
Craene, Charles De - Home
Craig, John - Applic. Gen, Books, Future, History, Logic, Music, Prog: Gen, Shows, Softw. Applic., Softw. Op Sys, Stores, Video Displ., Word Proc.
Creason, Sam - Amateur Radio, Clock, Softw. Applic.
Crehore, John Davenport - Math Problems
Critchfield, Margot - Education, Home, BASIC, Medical, Softw. Applic.
Crosby, Walter - Modem
Crow, Darrell - Terminals
Crowell, Robert - PET uC
Crowley, Mark - Softw. Op Sys, Terminals
Crudis, Tyrone - Game: Computer, Graphics, PET uC, Softw. Applic.
Cudhea, David - Intelligence
Culbertson, Dave - Applic. Gen, Home
Cummings, R D "Slim" - Mem: PROM, SWTPC uC
Cushman, Robert - Develop Sys, uC Des, uC Select, uP General, uP Select, Other uP's
Cutler, D S - Debug Hard

D

Dabling, Arlan - Softw. Utility
Dabney, S Fred - Analog Hard.
Dahl, Fred - Business Gen
Dahmke, Mark - Applic. Gen, Prog: Gen, Simulation, Speech, Timeshare
Daines, Derrick - Game: Computer
Dally, William J - Applic. Gen, Speech
Daly, Ray - Graphics
Daly, Timothy - Robots
Dandekar, Prakash - Digital Hard, Mem: Disks, Softw. Utility
Danton, Stuart - Other uC's, Word Proc.
Darnton, L K - Public Access, Timeshare
Daro, Paul - Control, Home
Datapro, - Business Gen
Davenport, John - Math Problems
David, D J - PET uC, Softw. Assemb.
Davidson, James - Game: Calc
Davidson, Scott - Graphics
Davies, W H - Business Acct
Davis, Henry - Control, Develop Sys, Pascal, Intel uP, 9900 uP, Zilog uP, Softw. Assemb.
Davis, Sam - uP Select, Printer
Davis, Walter - Keyboard
Davis, William S - Other Lang., Prog: Struct.
Dawes, Alan - Printer
Dawes, Joseph - Construc, Education
Day, Jim - Art, Graphics, BASIC, Other Lang., Apple uC, Video Displ.
DeCaro, Frank - Test Equip
DeJong, Marvin - Amateur Radio, Analog A/D, Clock, Debug Hard, I/O, Keyboard, Kim uC, Test Equip
DeRosa, John - Calc Prog, Displays 7-seg, Test Equip
Deal, J - Mem: PROM
Dehnhardt, Wolfgang - Intel uP
Deibert, Glen - Amateur Radio, SWTPC uC, Printer, Softw. Applic., Terminals
Dekok, Jack - Softw. Applic.
Dembinski, R - Softw. Utility
Denning, Peter - Humor
Dennis, Jim - Kim uC, Serial I/O
Dennis, Mike - Mem: RAM, uC Des, uP General
Derfler, Frank - Communication, Debug Hard, Gen Interest, Public Access, Softw. Applic., Video Displ.
Derrington, Carl - Analog Hard.
Dershem, Herbert - Game: Computer, Math Problems, TRS-80 uC, Prog: Fund.
Derynck, Ron - Mem: RAM, Mem: Test, Serial I/O
Dettmann, T - Develop Sys, Education, Game: Computer, BASIC, FORTRAN, TRS-80 uC, Modem, Softw. Applic., Softw. Assemb., Softw. Op Sys, Softw. Utility
Detwiler, William - Intel uP
Dial, William - 6502 uP
Diamond, R A - Game: Chess
Diaz, Robert D - Apple uC
Dickson, Christine E - FORTRAN
Didday, Rich - Prog: Gen, Prog: Fund.
Dietz, Thomas - Books, Future
Difbor, Louise - Fiction
Dilatush, Earle - Keyboard
Dilpiaz, Ron - Logic
Dishman, Laurence - Math
Distler, Robert H - Prog: Fund.
Dixon, David - Game: Computer
Dobkin, Robert - Analog Hard., Power Supply
Doerr, Christine - Education
Dolce, Larry - Elf uC
Doliner, Irwin - Softw. Utility, Word Proc.
Dollahite, Garth - Game: Computer
Dominguez, Steve - Test Equip
Domuret, Allan - TRS-80 uC, Word Proc.
Don, Richard - Motorola uP
Donahue, Michael - Word Proc.
Donato, Joseph - PET uC, Softw. Utility
Donn, Ed - Debug Hard
Dooley, Ann - Stores
Doshi, Ashwin L - Softw. Utility
Douglas, John R - Game: Chess
Doutre, Ben - Kim uC, Serial I/O
Downes, Valerie - Exidy uC
Downey, James M - PET uC, Other uP's, Printer, Serial I/O

Dowson, Simon - Game: Computer
Doyle, Thomas E - Business Applic.
Duisman, George - Game: Computer
Duncan, Ray - Tiny Lang.
Dunlavey, Michael - Keyboard
Dunn, J - Softw. Applic.
Dunn, Stanley - Prog: Struct.
Duntemann, Jeff - Elf uC
Durham, Stephen J - Interface, Logic
Durnal, Robert G - Softw. Utility
Durniak, Anthony - Mem: Disks, uC Gen.
Dusek, Bernay - Business Applic.
Dvorak, Neil - Weather
Dwyer, Thomas - Education, Home, BASIC, Medical, Softw. Applic.
Dyk, Harley - Education, Other uC's
Dyke, James A Van - 6502 uP

E

Eagle, David - Math
Edelson, Roger H - Debug Hard, Graphics, Ohio Sci. uC
Editors, The - Gen Interest, uC Select
Edmonds, Robert - TRS-80 uC, Softw. Assemb.
Ehara, Theodore - Game: Chess
Ehrlich, Charles - Other Lang.
Eisberg, Robert - Calc. Gen, Calc Prog
Eisenbach, Sue - Pascal, Ohio Sci. uC, Other uC's
Eisenberg, Larry - Fiction
Eisenstein, J P - Softw. Utility
Elkes, Jay - Fiction
Ellis, Clayton - Digital Hard
Ellis, John R - Prog: Gen
Ellison, Ted - Terminals
Elphick, Michael - uP General
Elwell, Henry - Amateur Radio, Calc Prog
Embry, Gene - Business Applic.
Emerson, Phillip - Amateur Radio
Endress, Katha - Home
Englander, Alice - BASIC, Softw. Utility
Enlander, Derek - Medical
Erdman, Robert - Mem: Disks
Erickson, Bert K - Calc. Gen, Interface
Erler, Kevin - I/O, PET uC
Erlewine, Margaret - Applic. Gen
Erlewine, Michael - Applic. Gen
Estep, Tony - Game: Computer, Softw. Applic.
Eubanks, C - Amateur Radio, Keyboard
Evans, Larry - Math Problems
Evans, Melville - Softw. Applic.
Evans, Sandra - Fiction, Math Problems, Robots
Evans, Selby - APL
Evers, Hans - Printer
Ewald, Edward E - Game: Chess

F

Fadrhons, Jan - Calc Prog, Softw. Utility
Fair, Harry - SWTPC uC
Fairhurst, Donald - TRS-80 uC, Softw. Applic.
Falconer, Charles B - Interface, Math, Standards
Faris, Stephen - Clock
Farly, Bruce - Develop Sys
Farrell, Clyde - Graphics, TRS-80 uC, Softw. Applic.
Farrell, James - Clock, Motorola uP, Terminals, Video Displ.
Farris, M - Softw. Applic.
Faulkner, Donald - Serial I/O, Terminals
Feintuch, Ted - Motorola uP
Feldman, Michael A - Home
Feldman, Phil - Graphics, Home, Softw. Applic.
Felkins, S Leon - Calc Prog, Math, Simulation
Felsen, Jerry - Applic. Gen
Felsenstein, Lee - Displays 7-seg, Gen Interest, Video Displ.
Felson, Jerry - Business Gen, Intelligence
Ferdelman, Lawrence - Business Gen
Ferguson, Bob - Mem: RAM
Ferguson, Mickey - Mem: Disks, Mem: Tape, Softw. Utility, Terminals
Ferrari, Domenic - Standards
Fields, John - Digital Hard
Fiene, Bruce Ronald - Applic. Gen
Filipski, Alan - Game: Computer
Fillingham, Mark - Business Gen
Filo, Andrew - Robots
Findlay - Pascal, Prog: Struct.
Findley, Robert - Motorola uP
Finkel, Leroy - BASIC
Finlay, Bryan - Math
Finlay, Eric - History, Humor
Firth, Mike - Mem: PROM
Fischer, G - Education, LISP
Fish, Larry - Other Lang., Prog: Struct.
Fish, Mike - Simulation
Fish, Russell - I/O, F-8 uP
Fisher, Richard H - Other Lang., Prog: Struct.
Fisher, William - BASIC
Fleming, G E - Game: Computer, TRS-80 uC
Floeter, Alan - Softw. Utility
Floyd, Woody - Mem: Disks
Foley, Walt - Terminals
Foote, Gary - Softw. Utility
Forbes, Mark - Test Equip
Ford, David C - Mem: RAM
Forsyth, Richard - Softw. Applic.
Forsythe, Alan B - Math
Foster, Caxton - 6502 uP
Fowler, S - I/O
Fox, Annie - Education
Fox, David - Education
Fox, Jerry D - Tiny Lang., F-8 uP
Fox, Tom - Graphics, Mem: Disks, Other uC's
Fracchia, Ron - Mem: RAM
Frame, R - Business Gen, Calc. Gen
Francher, Gary - F-8 uP, Softw. Utility
Franke, John - Construc
Franson, Paul - Terminals
Frantz, James - Other uC's, Softw. Op Sys
Frederickson, Thomas - Analog A/D
Frederiksen, Tom - Analog A/D
Freeborn, John C - Communication
Freedman, Daniel P - APL
Frei - Education
Freiberg, Stephen - uC Select
French, Gordon - Math Problems
Frenzel, Louis - uC Fund, Prog: Fund.
Frey, Peter W - Game: Chess
Fridlund, A - I/O
Friedman, Sol - Debug Soft, Game: Computer, PET uC, Printer
Fuller, N S - Game: Computer
Furuhnelm, R - Softw. Utility

G

Gabrielson, Mike - Experience, Game: Computer, LISP, Pascal, Other Lang., Math, Prog: Gen, Word Proc.

Gagne', Simon - Digital Hard
Gagne, Jim - Softw. Utility, Word Proc.
Gahan, Chuck - Construc
Gal, Israel - Serial I/O
Gane, C P - Logic
Gardner, Dave - Business Acct
Garetz, Mark - Control, Home
Gargagliano, Tim - Speech
Garland, Harry - uC Des
Garrett, Roger - Applic. Gen, Construc, Game: Computer, Graphics, I/O, Keyboard, Medical, Plotters, Printer, Prog: Fund., Serial I/O, Simulation, Video Displ.
Garrison, Paul - Applic. Gen
Garson, James - Gen Interest, Prog: Fund.
Gartman, Joseph - Humor
Gaskill, Joseph - Test Equip
Gass, Geoffrey A - BASIC, Math, SWTPC uC, Softw. Assemb., Softw. Utility
Gates, Reginald - Prog: Struct.
Gaugler, Gary D - Mem: Disks, Softw. Assemb., Softw. Utility, Speech, Word Proc.
Gear, C William - BASIC, Prog: Gen
Geckle, William - Calc Prog
Geller, Dennis P - APL
Gentry, H S - TRS-80 uC, Softw. Op Sys
George, Dick - Power Supply
George, Peter - Mem: Bubble
Gerald, Curtis - Graphics, TRS-80 uC
Gerberich, Francis - uC Des
Gerrold, David - Future
Giacomo, Paul - Construc, Control, I/O
Gibson, Paul - Softw. Applic.
Gibson, Tom - Prog: Struct.
Gidden, Bob - Prog: Fund.
Gieryic, Jack - Game: Computer, Speech
Gieryic, John - Clock
Gilberg, Mitchell - Graphics
Gilbert, Betsy - Art, Gen Interest, Graphics, Medical
Gise, Peter - Home
Gladstone, Bruce - Develop Sys
Glaser, Robert - Amateur Radio
Glasgow, Barry - Analog A/D
Glass, Robert - Game: Computer
Glidewell, John - Mem: Tape, SWTPC uC
Gluck, Harold - Gen Interest
Goadby, David - Motorola uP, Softw. Assemb.
Goetz, Paul - Mem: Tape, TRS-80 uC
Goff, Robert - Medical, Softw. Utility
Goodman, Gary - Mem: Disks
Goodner, Randy - uC Des
Gooze', Mitch - Graphics, Motorola uP, Serial I/O, Video Displ.
Gordon, H T - Math, Softw. Utility
Gorney, Len - Math, Prog: Fund.
Gort, Roscoe - Humor
Gosney, W Milton - Mem: RAM
Govind, P K - PET uC, Printer
Graham, D M - Math
Graham, Neil - Prog: Fund.
Grant, Stephen - SOL, Printer
Grappel, Robert D - Other Lang., Math, Softw. Utility
Graves, Henson - LISP, Logic
Gray, Marty - Mem: Tape
Gray, Stephen - Graphics, APL, FORTRAN, TRS-80 uC, Other uC's, Softw. Applic.
Green, Burchenal - Calc Selec, Education
Green, Douglas - Education
Green, Samuel - BASIC, SWTPC uC
Greene, Bob - Mem: PROM
Greene, Steve - Fiction
Greenleaf, Joseph - Word Proc.
Gregory, Donald J - Softw. Op Sys
Grennan, Mark - Business Gen
Greynolds, E - Business Gen, Calc. Gen
Griebno, Carl - Power Supply
Grina, Jim - Mem: PROM, Kim uC
Grochalska, Ilona - North Star uC, Softw. Utility
Grogono, Peter - Pascal, Tiny Lang., Prog: Gen
Gross, Thomas B - Calc Prog, Softw. Assemb.
Grossi, Robert J - Interface
Grossman, Morris - Graphics, Video Displ.
Grossman, Rick - uC Select
Grosswirth, Marvin - uC Fund, Per Comput
Groth, Roy - Game: Computer, Graphics, TRS-80 uC, Softw. Applic., Softw. Utility
Groves, David - uC Fund
Grundler, Dennis - Game: Computer
Guild, George - Softw. Utility
Gundling, William - Mem: PROM
Gupta, B K - uC Des, Softw. Utility
Gupta, Madan - Home
Gupton, James A - Education, Robots
Gursel, Yekta - Math Problems
Guth, Fred - Softw. Applic.
Gutman, Fred - Analog A/D, Softw. Applic., Softw. Utility

H

Haas, Bob - Video Displ.
Hackmeister, Dick - Keyboard, Plotters, Printer
Hackney, Richard - Softw. Utility, Word Proc.
Hadley, Tom - Terminals
Haehn, Lou - Game: Chess
Haines, Brian - Gen Interest
Hakansson, Joyce - Education
Hale, Gerald - Mem: Disks, Heath uC
Hall, Carl W - Construc
Hallen, Rod - Analog Hard., Analog A/D, Game: Computer, Graphics, Home, Interface, Keyboard, BASIC, Mem: Disks, uC Fund, TRS-80 uC, Other uC's, 6502 uP, Intel uP, Zilog uP, # Base Conv., Printer, Prog: Fund., Serial I/O, Softw. Applic., Softw. Assemb., Softw. Utility, Terminals, Video Displ., Word Proc.
Hallgren, Richard C - Analog A/D
Halsema, A I - Mem: Bubble, Motorola uP, Public Access
Hamilton, Larry - Game: Computer
Hamilton, R W - Word Proc.
Hancock, Les - Tiny Lang.
Hand, D J - Intelligence
Hand, William M - Softw. Utility
Handy, Jim - Analog A/D, Softw. Utility
Hardaker, Philip - Clock
Harding, Robert L - Softw. Utility
Hare, Van Court - Printer
Harlow, Lewis - Mem: Tape
Harman, Jefferson - Mem: Disks
Harmon, Bill - Bit Slice uP
Harmon, Jefferson H - Mem: Disks
Harmon, Tom - Game: Computer, Softw. Op Sys
Harrington, Steven - Softw. Utility
Harron, Brian A - Mem: Tape
Hart, Glenn - Word Proc.
Hartman, Brad - Motorola uP
Harvey, Bill - Mem: Tape
Harvey, Tom - Gen Interest

Hauer, Frederick W - Calc Prog
Haugan, Einar - Digital Hard
Hausmann, Kevin - Education
Haver, Bob - Power Supply
Hawthorne, Alan - PET uC
Hawthorne, Edward - Word Proc.
Hayek, Tom - PET uC
Hayes, Albert - Calc Prog
Hayes, Mike - Softw. Utility
Hays, Phillip - Word Proc.
Healy, Martin - North Star uC
Hebditch, David - Communication, I/O, Interface, Modem, Serial I/O, Standards
Heckbert, Paul - Softw. Utility
Heftman, Gene - Analog Hard., Displays 7-seg
Heintz, Carl - Business Gen, Business Acct, Business Applic., Word Proc.
Heller, L F - # Base Conv.
Helmers, Carl - Applic. Gen, Books, Construc, Control, Gen Interest, Lang. Gen., LISP, Pascal, uC Gen., uC Des, Per Comput, Prog: Gen, Robots
Hembling, David - Construc
Hemenway, Jack - Pascal, uP Select, Intel uP, Zilog uP, Prog: Fund., Softw. Assemb., Softw. Utility, Word Proc.
Hemminger, Charles - Medical
Henderson, Bob - Gen Interest
Hentz, Clint - Business Acct, Business Applic.
Herd, Gerald - Game: Computer
Hering, Jeffery - Education
Herman, Harvey - Analog A/D, BASIC, Mem: Test, Kim uC, PET uC
Herman, Helmar - Mem: Disks, Prog: Fund., Softw. Op Sys
Hertz, William - Prog: Fund.
Hertzfeld, Andy - Softw. Op Sys
Heuer, Randy - Amateur Radio, Education, Game: Elec, Ohio Sci. uC, PET uC, TRS-80 uC, Other uC's, Plotters, Prog: Fund., Softw. Applic.
Heyman, Victor - North Star uC, Printer, Word Proc.
Hicks, Marilyn - Other uP's
Hicks, Stephen M - Other Lang.
Higgins, David A - Prog: Struct.
Hill, Alan - Softw. Utility, Word Proc.
Hill, James - Printer
Hindin, Harvey - Code Conv
Hines, Theodore C - Education, # Base Conv., Softw. Utility, Word Proc.
Hinrichs, Delmer D - Calc Prog, Clock, Game: Computer, Math, Prog: Fund., Simulation
Hinrichs, Joel - Softw. Assemb.
Hirsch, John - Gen Interest
Hirschman, Linda - Art
Hnatek, Eugene - Mem: PROM
Hobson, R F - Mem: PROM
Hoeppner, John - Mem: Disks
Hoff, M E - Intel uP
Hoffer, W C - Communication, Softw. Utility
Hoffman, Donald - Game: Computer
Hoffman, Robert - Experience, Other uC's, Prog: Fund.
Hogan, Thom - Mem: Disks
Hogg, Douglas - FORTRAN
Hohenstein, Louis - Calc Prog
Hokanson, Roger - Develop Sys, Other Lang.
Holliday, Paul - Business Applic., Tiny Lang., Softw. Applic.
Holm, Robert E - Analog Hard., Intel uP
Holten, Dewey - SWTPC uC, Video Displ.
Holtz, Klaus - Applic. Gen, Softw. Applic.
Holyoak, Joel - Terminals
Honess, C Brian - Math
Hooley, David - Bit Slice uP
Hooper, Philip - Timeshare
Hooper, Richard - Education
Hoover, Dick - Fiction
Hopkins, Ken - Video Displ.
Hordeski, Michael - Definitions
Horn, Eric Van - Business Applic., Heath uC, Softw. Applic.
Houng, S - Test Equip
Howard, James - Clock
Howard, Jerry - Game: Computer
Howarth, Robert - Experience
Howe, Hubert S - Music
Howell, Jim - Motorola uP, Softw. Op Sys
Howland, Chris - Gen Interest
Hoyt, Bruce - Ohio Sci. uC
Hsiao, H S - Serial I/O
Hubin, Wilbur - BASIC
Hudor, Andrew M - Analog Hard., I/O
Hudson, James - Calc Prog
Hudson, Larry - Softw. Utility
Hudson, Leland R - Calc Prog
Hudspeth, Forrest - Elf uC
Huffman, Jim - Per Comput
Hughes, Elizabeth - Experience, uC Fund, Per Comput, Printer
Hughes, J W - Communication
Hughes, Phil - Business Applic., Word Proc.
Hulon, Belinda - Softw. Utility
Hulon, Rick - Softw. Utility
Hunsicker, Bill - Amateur Radio, Home
Hunter, Jim - Education, Word Proc.
Hunter, Thomas - Fiction
Hunter, William - Logic
Husbands, Charles - Speech
Hutchinson, Thomas - Amateur Radio
Hwang, Howard - Modem
Hyde, Kendell - Education, Math
Hyde, Wendell - Calc. Gen, Calc Prog
Hyman, Michael R - Calc Prog

I

Ingber, Ed - Construc, Debug Hard
Ingraham, Donald - Gen Interest
Inman, Don - Education, Game: Computer, Graphics, Atari uC, TRS-80 uC, TI uC
Insam, E - Mem: PROM
Irving, Robert - Business Acct
Irving, Steve - Softw. Applic.
Irwin, Paul - Softw. Utility
Isaac, David - Mem: Tape, SWTPC uC
Isaacs, Larry - Mem: PROM, PET uC
Isaak, James - Softw. Op Sys
Izuo, Wally - Mem: Tape

J

Jackson, Randy - Business Acct
Jacobi, - Education
Jahns, Karl - Game: Computer
Jain, Dil Sukh - Analog Hard.
Janak, Mike - Control, Bit Slice uP
Jaquiss, Robert - Softw. Utility
Jeffery, J - Math
Jenkins, David C - Mem: Tape
Jenkins, Graham - Softw. Utility
Jessop, Paul - Clubs

Jigour, Robin - I/O
Joffe, Allan S - Amateur Radio, Graphics, TRS-80 uC, Prog: Fund., Softw. Applic.
Johnson, Bob - Business Gen, Business Applic., Softw. Applic.
Johnson, C A - Books, Future
Johnson, Christopher - Amateur Radio, Softw. Applic.
Johnson, David - Softw. Applic., Softw. Utility
Johnson, Dan - Softw. Op Sys, Softw. Utility, Video Displ.
Johnson, Douglas S - Pascal
Johnson, Kenneth J - Timeshare
Johnson, Lloyd - Game: Computer, Simulation
Johnson, Paul - Video Displ.
Johnson, R B - TRS-80 uC
Johnston, Bill - Mem: RAM
Johnston, William D - Applic. Gen
Joliffe, Rodney W - Home, Softw. Applic.
Jones, Craig - Education
Jones, Fred - Mem: RAM
Jones, James E - Softw. Op Sys
Jones, Jeremy O - 9900 uP, Softw. Assemb.
Jones, Keith - Home, Medical
Jones, Robert - Ohio Sci. uC, Motorola uP, Softw. Utility
Jones, Royce - Game: Computer
Jones, Vincent C - Graphics, Standards
Jordon, John - Word Proc.

K

Kaape, Richard - Game: Computer
Kagen, Claude - Other Lang., Softw. Utility
Kapps, Charles - Game: Computer, SC/MP uP, Softw. Utility
Kapur, P - Analog Hard.
Karmarkar, Vikram - Mem: Disks
Karnes, William M - Prog: Gen
Karstad, Karen - Applic. Gen
Karwoski, Richard - Applic. Gen
Kasser, Joe - Amateur Radio
Kaufman, Roger E - FORTRAN
Kavanagh, Brian - BASIC
Kaye, Steven - Applic. Gen, Education
Keay, Colin - Softw. Utility
Keith, S Roger - Humor
Kellerman, Eduardo - Books, Math
Kellerman, David - Kim uC, Music
Kelly, Derek - Word Proc.
Kelly, James - Develop Sys
Kelly, John R - Prog: Struct.
Kemp, David - Mem: Tape, Kim uC, uP Select
Kendall, Wallace - BASIC, Softw. Utility
Keneally, J R - Softw. Assemb.
Kepner, Terry - Business Gen, Humor, Stores
Kern, Christopher O - Tiny Lang.
Ketchum, Don - PET uC
Kewney, Guy - Applic. Gen
Kieburtz, Richard B - Pascal
Kiehn, R M - Intelligence
Kilian, Leonard - Art, Graphics
Kimmel, Stephen - Game: Chess
King, Scott - TRS-80 uC
Kintz, Robert - Clock
Kinzer, Don - Mem: RAM, Softw. Utility
Kirkham, Harold - Analog Hard.
Kirschenbaum, Jack - Construc
Kirschner, Frank - BASIC
Kirschner, Lou - Applic. Gen, Education
Kishinsky, Debbi - Clubs
Kiss, Andrew - uC Des
Kister, Jack E - Motorola uP
Kitsz, Dennis Bathory - Softw. Utility
Klatt, Robert - I/O, Video Displ.
Klein, Mark - Prog: Fund., Softw. Utility
Kleinberg, Harry - Gen Interest
Kleiss, John - # Base Conv.
Klinger, Paul - TRS-80 uC
Klosson, Ken - Softw. Applic.
Knecht, Ken - BASIC, Mem: Disks, TRS-80 uC, Intel uP, Printer, Prog: Fund., Softw. Applic.
Knight, Anne - Experience
Knight, Dana - Digital Hard, uC Des
Knight, Mike - Business Gen, Business Applic.
Knippenberg, Hal - Game: Computer
Knippling, Claire - Humor
Knippling, Howard - TRS-80 uC
Knoderer, John - Softw. Applic.
Kohl, Herbert - Game: Computer
Kolbe, Werner - Game: Computer
Kondrath, Charles - Develop Sys
Kopec, Stan - I/O, Intel uP
Kornfeld, William A - Lang. Gen., LISP
Korody, Robert - Zilog uP
Kosel, Marge - Simulation
Kosicki, Paul J - Math Problems
Kosinski, John - Digital Hard
Kraengel, William D - Clock, Power Supply
Krank, Charlie - Gen Interest
Krauss, Jeffrey - Gen Interest
Kreindler, R Jordan - Softw. Utility, Timeshare
Krieger, Morris - Tiny Lang.
Krumholz, Truman - Printer
Krutch, John - Art
Kuecken, John A - Stores
Kugel, Peter - Gen Interest, Intelligence
Kuhns, L J - Calc Prog
Kurtz, R L - Other Lang.
Kushnick, Eric - Power Supply
Kuska, Henry - Education, Ohio Sci. uC

L

LaPlante, Fred - Business Applic.
Labenski, Robert - Softw. Utility
Lajeunesse, R - Word Proc.
Lamb, Paul - Business Acct
Lamkins, David - Construc
Lancaster, Don - Keyboard, Heath uC, Stores, Video Displ.
Lang, George E. - Kim uC
Lang, Steve - Softw. Op Sys
Lappan, Glenda - Game: Computer
Lappen, David - Game: Computer
Lappen, William - Game: Computer
Larrowe, Vernon - Softw. Applic.
Larsen, D - Analog Hard., Analog A/D, Clock, Digital Hard, Displays 7-seg, I/O, Keyboard, BASIC, Mem: RAM, uC Des, uC Fund, TRS-80 uC, Intel uP, Motorola uP, Prog: Fund., Softw. Applic.
Larsen, Sally Greenwood - Education
Larson, Marvin A - Calc. Gen
Lary, Richard - Ohio Sci. uC, Video Displ.
Latovich, Andy - TRS-80 uC
Lau, Stephen - Control, Bit Slice uP
Laubach, J - Education, LISP
Lauffer, Don - Mem: RAM
Law, R M - Word Proc.
Lawrence, Scott - Lang. Gen.
Lawton, Philip - Education

Lazar, Leonard - Prog: Fund.
Lazar, Les - Game: Computer
LeVine, David G - Mem: RAM, Softw. Utility
Leary, Richard - Serial I/O
Leavey, Marc - Amateur Radio, SWTPC uC, Serial I/O, Softw. Utility
Lebling, David - Game: Computer, Simulation
Lee, B W - Softw. Assemb.
Lee, Bock W - Mem: Test
Lee, Dave - Mem: Bubble
Lee, Fred - uC Gen.
Lee, John - Home, Softw. Applic.
Lee, R W - Other Lang., North Star uC
Lee, Sam - Develop Sys
Leedom, Bob - Math
Leff, Alan A - Clock
Leffert, Robert - Construc, Debug Hard
Lehman, James - Game: Computer
Lehman, John - Softw. Applic.
Leipper, Bryan - Amateur Radio
Lemon, Richard - Education
Lentezner, Mark - Ohio Sci. uC
Lentz, Bob - Softw. Assemb.
Levasseur, Daniel - Interface
Leventhal, Lance - Develop Sys, I/O, Motorola uP, Zilog uP, Prog: Gen, Prog: Fund., Softw. Assemb.
Levine, Ellen - Books, Experience
Levinsky, Jeff - BASIC, Softw. Op Sys, Timeshare
Levy, David - Game: Chess
Lewart, Cass - Calc Prog, Clock, Control, Home, Mem: Tape, Prog: Fund., Softw. Utility
Lewis, James - Prog: Struct., Softw. Utility
Lewis, T G - Home, Per Comput, Stores
Libes, Sol - Gen Interest, Per Comput
Lichtman, David - Education
Lien, David A - BASIC
Liff, Rita May - Pilot
Liffick, Blaise - Compucolor uC, PET uC
Ligori, Joe - Business Acct, Softw. Applic.
Lilienstein, Fred - Calc Prog
Lindsay, Jon R - Business Applic., Medical, # Base Conv., Word Proc.
Lindsay, Len - Books, Game: Computer, PET uC, Word Proc.
Linker, Sheldon - Timeshare
Lippman, Michael - Debug Hard
Littwin, Dale - Motorola uP
Livingston, G B - Medical
Lloyd, Kenny - Kim uC
Logan, Les - Mem: Tape, TRS-80 uC
Logsdon, Tom - Prog: Fund.
Long, Jim - Prog: Gen, Softw. Applic.
Long, R J - Softw. Assemb., Softw. Op Sys, Softw. Utility
Looney, Chesley H - SWTPC uC
Loos, Timothy - Video Displ.
Lord, Mike - Zilog uP
Lord, Richard H - Math
Lorentzen, Robert - Debug Hard
Lorenz, Ray - Printer
Louie, Frank - Mem: PROM
Louis, Dr G - Tiny Lang.
Lucas, Peter - Plotters
Luffman, Frederick E - PET uC, Softw. Applic.
Lukers, Tom - Printer
Lutz, Richard - Calc Prog
Lynch, James - 1802 uP, Softw. Utility
Lyons, George - Mem: RAM

M

MacDonald, Doug - Humor
MacKenzie, Kirk F - Mem: RAM
MacLennan, Elliott - Business Gen, Gen Interest
Macdonald, Douglas A - Math Problems
Madeheim, Jim - Game: Computer
Magerman, Leonard - Game: Calc
Mageswaran, A - Digital Hard
Maggs, Peter B - Game: Computer
Magnusen, Gary - Softw. Utility
Main, Richard B - Other Lang.
Makmann, M Thomas - Mem: Disks
Mallinson, Martin - Analog A/D
Mallison, W T - # Base Conv.
Mallon, Marvin - I/O, Keyboard
Malmberg, David - Softw. Utility
Man, Bill - Game: Computer
Mancuso, Ted - Fiction
Mangieri, Adolph - I/O
Manson, A R - Game: Computer
Manwaring, Michael E - Calc Prog
Maples, Michael D - BASIC
Marcus, Evan - Simulation
Margolin, Jed - Kim uC
Mariner, Tom - Music
Marion, Larry - TI uC
Marsh, Paul W - Word Proc.
Marshall, Bob - Analog Hard., Digital Hard
Marshall, G J - Lang. Gen.
Marshall, Gregg - Other Lang.
Marshall, John - Develop Sys
Marshall, W G - Video Displ.
Martellaro, John - Game: Chess
Martin, Dennis - Compucolor uC
Martin, Julie - Game: Computer
Martin, Robert - Digital Hard
Martin, Tom - Game: Computer
Martin, Vaughn - Clock, Intel uP
Marvin, Charles E - Softw. Utility
Marx, Robert - Business Acct
Master, Mohammed H - I/O
Mataka, Richard - Other uC's, 9900 uP
Matheson, Les - Develop Sys
Mathis, S J - Prog: Fund.
Mattera, Lucinda - Analog A/D
Mauch, Harold - Softw. Op Sys
Maurer, W D - Game: Chess, I/O, BASIC, Other Lang., Prog: Gen, Prog: Fund., Prog: Struct., Softw. Utility
Mavity, William C - Mem: Bubble
May, Cheryl - Education
Mayhugh, Terry - Amateur Radio
Mayse, Cebrun - Amateur Radio, Calc Prog
Mazur, Jeffrey - uC Gen., uC Fund, Printer
McBreen, David - Experience
McCallum, Jon - Other uC's
McCann, Michael - Game: Chess
McCarney, Gary - Softw. Utility
McCauley, Joseph - Mem: Tape
McClure, James - Home, BASIC, Softw. Applic.
McCormick, E M - Math
McCormick, Bruce - I/O, Intel uP
McCoy, Earl E - Lang. Gen.
McCreary, Dann - 6502 uP, Intel uP, Simulation
McCullough, Ken - Softw. Utility
McDaniel, Robert - TRS-80 uC
McDermott, Jim - Calc Selec

McDonough, Tom - Graphics, Humor, Printer
McFarland, Ward J - Mem: PROM
McGahee, Fr Thomas - Mem: Disks, SOL
McGowan, Clement L - Prog: Struct.
McGowan, Francis - Education
McGuire, Dennis - Home
McKay, R - Mem: Disks
McKeeman, W M - Word Proc.
McLanahan, J Craig - Business Gen
McLeod, Jonah - Power Supply
McMann, Bob - Mem: Test
McNulty, J - Power Supply
Mecca, Lorraine - Per Comput
Mechner, Jordan - Math, Softw. Utility
Meek, Peter W - Softw. Utility
Meinzer, Karl - Other Lang.
Melear, Charles - Video Displ.
Melsa, James - uC Fund
Melton, Henry - Mem: Test, 1802 uP, 9900 uP
Meng, John - Serial I/O
Meronek, Bill - Communication, Serial I/O
Merrill, J R - Applic. Gen
Merrill, Stan W - Applic. Gen
Merritt, James - Pascal
Meushaw, Robert V - Code Conv
Meyer, Dan - SWTPC uC
Michelman, Eric - Debug Soft, Develop Sys, BASIC
Mickelsen, M - Motorola uP, Softw. Utility
Milewski, Richard - Graphics, Apple uC
Miller, Alan R - Home, APL, BASIC, FORTRAN, Math, Mem: PROM, Mem: Tape, Prog: Struct., Softw. Applic., Softw. Assemb., Softw. Utility, Word Proc.
Miller, David - Mem: Tape, TRS-80 uC, Video Displ.
Miller, Jeffrey - Applic. Gen
Miller, John C - Game: Computer, Math Problems
Miller, Lindsay - Plotters, Printer
Miller, Merl - Definitions, Intelligence, uC Fund, Prog: Gen, Prog: Fund., Stores
Miller, Morris - Game: Chess
Miller, Richard - Word Proc.
Miller, Ronald - Modem
Miller, Warren - Bit Slice uP
Milne, Edwin - Softw. Utility
Milway, William - Applic. Gen
Mimlitch, Thomas - Game: Computer, Prog: Fund.
Mims, Forrest - Displays 7-seg, Power Supply
Mitchell, D C - Amateur Radio, Calc Prog
Mitchell, S Felton - Mem: Test
Moberg, Dick - Future
Moench, Jerry - Mem: RAM
Moffatt, Weldy - Softw. Applic.
Monsour, Fred - Kim uC
Mooney, R C - Business Gen
Moore, Freeman L - Softw. Utility
Moore, Herb - Atari uC
Moore, John - Motorola uP, Softw. Assemb.
Mor, Shai - Softw. Applic.
Morales, Gil - Calc. Gen
Morgan, Chris - Game: Computer, Game: Elec, Atari uC, Ohio Sci. uC, Stores
Morgan, M R J - Softw. Applic.
Morganstein, David - Game: Computer, Ohio Sci. uC, Serial I/O
Morgenstern, Leonard - SOL
Morr, David - TRS-80 uC, Printer
Morris, Andrew R - Test Equip
Morris, Darryl - Digital Hard
Morris, E - Graphics, I/O, BASIC
Morris, Jim - Kim uC
Morris, Robert - Softw. Utility
Morris, Tom - Mem: Test, 9900 uP
Morrison, Robert - Analog A/D
Morrow, J - Video Displ.
Morse, P Kenneth - PET uC
Mortensen, Helge - Terminals
Morton, A Kent - Education
Moseley, Robin C - I/O
Moser, Ben - Game: Computer
Moser, Carl - Mem: Test, 6502 uP, Softw. Assemb., Softw. Utility, Word Proc.
Mosgofian, Karl - 1802 uP
Moss, Noel M - SWTPC uC
Moss, William - BASIC, Heath uC, Terminals
Mottola, R M - Softw. Utility
Moursand, David - Calc. Gen, Education
Mowrer, Donald - Education
Moyer, Patrick - Prog: Struct.
Mrazek, Dale - Bit Slice uP
Mullish, Henry - Calc. Gen
Mumford, Bryan - TRS-80 uC
Mundie, David - BASIC, Pascal
Munn, Robert - Printer
Munnecke, Tom - Softw. Utility
Murillo, Rodrigo Julio - Game: Computer
Murphy, S R - BASIC, Ohio Sci. uC
Murtha, Stephen - Business Gen, Gen Interest
Murthi, D - # Base Conv.
Myers, Forest - Business Applic., Word Proc.

N

Nabers, Steve - Mem: Test
Nachmani, Dan - Analog Hard.
Naugle, Raymond H - Motorola uP
Naylor, Mike - Game: Computer
Nedbal, Richard - Other uP's
Neeno, George - Mem: Bubble
Nehira, Kathy - Other uC's
Neil, Martin - uC Des
Neuman, Jacobo - Game: Computer
Nevison, John M - BASIC, Prog: Fund., Softw. Utility
Newcom, Kerry W - I/O, Softw. Utility
Newcomer, John P - BASIC, Softw. Utility
Newhouse, Sam - Business Applic., Home
Newman, Martin - Softw. Applic.
Newman, Steven - Softw. Applic.
Newton, Glen - Other Lang.
Nguyen, Trung - Interface
Nhuyen, Thinh - Digital Hard, Mem: RAM, uC Des
Nicastro, Andrew - Education, Softw. Utility
Nice, H Y - Intel uP, Prog: Fund.
Nicholoson, Robert - Prog: Struct.
Nielsen, J Louis - Clock
Niemiec, Mark D - Game: Computer
Niesz, Anthony - Softw. Utility
Nitto, Richard - Other uC's, Softw. Applic.
Noll, Curt - Math
Nonymous, A - Humor
North, Steve - uC Select, Apple uC, Compucolor uC, Other uC's, Music, Printer, Speech, Word Proc.
Norton, Jerry - Error Correc
Nott, M D - Business Gen
Novick, Harold - Prog: Gen
Nussbaum, Stephen H - Power Supply
Nyman, Noel - Home

O

O'Brien, Michael D - North Star uC
O'Haver, T C - Softw. Utility, Word Proc.
O'Mohundro, Ken - uC Des
O'Neil, Pat - Analog Hard.
O'Neill, Ian - Softw. Applic.
Obed, Dan - Business Applic.
Ogdin, Carol - Digital Hard, Mem: Disks, Serial I/O
Olney, Richard - uC Select
Olschewski, Bill - Digital Hard
Olsen, Jack - Mem: Tape
Olsen, S Cash - Softw. Applic.
Olson, Eric - Art, PET uC
Olson, Kirtland - Business Acct
Orlove, Michael - Game: Computer
Orsino, Francesco - Graphics
Osborne, Adam - Business Gen, Future, uC Fund, uP General, Zilog uP, Prog: Fund.
Osgood, G S - Analog A/D
Otis, Alton B - I/O
Otsuka, Bill - Displays 7-seg
Owen, Bill - Analog Hard., Test Equip
Owen, James - Home
Owens, James - Education
Owens, Ralph - Softw. Utility

P

Padmanabhan, J - Mem: PROM
Page, Andrew - Future
Pains, D R - Softw. Utility
Palenik, Les - Game: Chess, PET uC
Palmer, James M - Analog Hard.
Palmer, John - Game: Computer, I/O
Papaioannou, G - Calc Prog
Pape, Robert L - TRS-80 uC
Papenberg, Robert - Interface
Pardee, Michael - Future, uC Fund, Per Comput
Pareek, Purna - Softw. Utility
Paris, M - Softw. Utility
Parker, Dan S - Construc, Keyboard
Parker, Ken - Mem: PROM
Parkin, Andrew - Other Lang., Simulation
Parkinson, D W - Softw. Assemb.
Parks, William - Future, Lang. Gen.
Parsons, Ronald - Mem: Disks, SOL, Softw. Utility
Partyka, Dave - Graphics, Apple uC
Pasanen, Ernest - Humor
Pass, E - Game: Computer, Video Displ., Word Proc.
Passey, Douglas - Mem: PROM
Payack, Peter - Fiction, Shows
Payne, Phillip N - Business Acct
Peake, Jacquelyn - Applic. Gen
Pearson, Clive - Terminals
Pease, Robert - Analog A/D
Peatman, John B - uC Des
Peck, Robert - Clock
Peelle, Howard - Education, Game: Computer, APL
Pehoushek, Joe - Applic. Gen
Pennington, Paul - Softw. Applic.
Pentecost, Joseph - Construc
Pepin, Anthony - Softw. Utility
Pepin, T - Game: Computer
Pepper, Clement - Digital Hard, I/O, Kim uC, Test Equip
Perdue, Terry - Softw. Op Sys, Softw. Utility
Perrin, Steve - Game: Computer
Perry, Greg - TRS-80 uC
Perry, Jim - Mem: Tape, TRS-80 uC, Terminals
Peterka, George - Construc
Petersen, Martin - Game: Computer
Peterson, Holger - Softw. Assemb.
Peterson, James L - Word Proc.
Petit, Russell - Construc
Petrale, John J - Digital Hard
Petty, R W - Pilot, 1802 uP, Word Proc.
Pfeiffer, Erich A - Prog: Fund.
Phelan, Charles M - Speech
Phillips, Thomas W - Tiny Lang.
Piele, Donald - Education
Pieper, John - Interface
Pigford, Robert L - BASIC, SWTPC uC
Pilgrim, Phil - TRS-80 uC, Softw. Utility
Pilipovich, George - Softw. Op Sys
Pinney, Marolyn - Game: Computer, TRS-80 uC
Piquinela, Juan E - Digital Hard
Pittman, Tom - Graphics, Tiny Lang., 1802 uP, Prog: Fund., Standards
Place, Ralph L - Intel uP
Plattner, - Education
Plumber, Doc - Home
Poduska, Paul R - Heath uC
Poirot, James - uC Fund
Pola, Tony - Education, Math
Pollard, John - Education
Pooch, Udo - uC Des
Poole, Lon - Business Acct, Softw. Applic.
Pope, Woody - Graphics, TRS-80 uC
Popiel, Glen - Elf uC
Poplavsky, Serge - Video Displ.
Porcella, Brewster - I/O, Mem: Disks, Bit Slice uP
Posa, John G - I/O, Pascal, Other Lang., Per Comput
Pottinger, Hardy J - Elf uC
Pountain, Dick - Calc. Gen, Calc Selec
Pournelle, Jerry - Applic. Gen, Word Proc.
Powers, William T - Plotters, Robots
Poynter, Ray - Game: Computer
Pratt, Vaughan R - LISP
Preece, C - Interface, PET uC
Prescott, Glenn - Weather
Press, Larry - Speech
Price, A - I/O
Price, David - Definitions
Price, Hugh - Gen Interest, Medical
Price, Richard - Game: Computer
Price - I/O
Prigot, Jonathan M - BASIC, Mem: Tape, Kim uC, Ohio Sci. uC
Prini, Gianfranco - LISP, Softw. Utility
Pritchard, Harold - Calc Prog
Proske, Ted - Prog: Gen, Softw. Applic.
Przedpelski, Andrej B - Calc Prog
Puckett, Dale L - Pascal, Mem: Disks, Softw. Op Sys, Softw. Utility
Purdin, Titus - Applic. Gen
Purinton, Timothy - Softw. Applic.
Putney, Charles - Softw. Applic.
Pytlik, William - PET uC

R

Rade, Lennart - Calc. Gen
Radhakrishnan, T - Prog: Fund.
Rae, Robert - Business Gen, uC Select
Ragsdale, Ronald - Game: Computer
Ramesh, R - # Base Conv.
Rampelberg, Jerry - Mem: PROM
Rampil, Ira - Zilog uP

Randall, James E - Math, TRS-80 uC
Rao, N Bahaskara - Analog A/D, Digital Hard
Rappa, Greg - Game: Computer
Raskin, Jef - Math, Softw. Assemb.
Ratliff, Gary - PET uC
Raudsepp, Eugene - Gen Interest
Raven-Jensen, S - BASIC, Pascal
Rea, George - Printer
Records, John A - TRS-80 uC
Recupero, Andrew - Home, Softw. Applic.
Redfern, Thomas P - Analog A/D
Reed, Lee - Test Equip
Rees, Mike - North Star uC
Refioglu, Ilhan - Modem
Reich, L S - Softw. Applic.
Reid, L H - Softw. Utility
Reiss, Russell - Logic, uC Fund
Rensberger, Gary - Softw. Applic.
Research, Scientific - Softw. Applic.
Retter, Rafi - Intel uP
Reuss, James L - Digital Hard
Reyling, George - Mem: Bubble
Reynolds, D J - Home
Reynolds, Peter - Definitions
Reynolds, William - Softw. Op Sys
Rhodes, Ned - Math
Rice, LLoyd - Math
Rich, Albert - Other Lang., Math
Richman, Ellen - Education
Richmond, Gillian - Graphics, Plotters
Richter, Michael - Game: Computer
Richter, William - Heath uC
Ridge, Warren - I/O
Ridgeway, P E - Digital Hard, Test Equip
Riekers, Henry - TRS-80 uC, Softw. Utility
Riggins, Chris - Lang. Gen.
Rinard, Phillip - Kim uC
Rindsberg, Don - PET uC, Softw. Utility
Ripplinger, David - Experience
Ripps, David L - Serial I/O, Softw. Op Sys
Ritter, Terry - Motorola uP
Rittimann, Russell - Softw. Assemb.
Roach, Leslie - Education
Roads, Curtis - Motorola uP, Music
Robbins, James - Power Supply
Roberts, Bill - Softw. Utility
Roberts, Ralph - Fiction, Word Proc.
Roberts, Steven - Mem: PROM, Other uC's, Music
Robertson, Peter D - Pascal
Robinson, Arch - I/O, 6502 uP, Softw. Utility
Roch, Bill - Softw. Utility
Rochat, Bill - Debug Hard
Rocheleau, Ron - Mem: Disks, Heath uC
Rodgers, Robert - uC Des
Rodman, Richard - Humor, 9900 uP
Rodrigues, A - Analog A/D
Roehrig, Joseph - Game: Computer, Simulation
Rogers, E - Test Equip
Rogers, John - Speech
Rogers, Kendal - PET uC
Rogers, Robert - BASIC, North Star uC
Rogers, William - Video Displ.
Rogowski, Steve - Math
Rohde, Arne - TRS-80 uC
Roichel, Ancelme - Other Lang.
Roleson, Wm Scott - Power Supply
Rone, Frank - Home
Rony, P - Analog Hard., Analog A/D, Clock, Digital Hard, Displays 7-seg, I/O, Keyboard, BASIC, Mem: RAM, uC Des, uC Fund, Intel uP, Motorola uP, Prog: Fund., Softw. Applic.
Rose, Dave - TRS-80 uC
Rose, Mike - Business Applic.
Rosenbaum, T - Logic, Prog: Fund., Softw. Utility
Rosenberg, Jim - Prog: Struct., Softw. Utility
Rosenthal, Peter - Atari uC
Rotenberg, Jonathan - Softw. Applic.
Rowan, George - Softw. Utility, Word Proc.
Rowe, Mike - Softw. Applic.
Rowe, Neil - Graphics, Math
Rowlett, Frank - TRS-80 uC
Roycroft, A J - Game: Chess
Rubin, Martin - Education
Rubin, Sylvan - BASIC
Ruckdeschel, F R - I/O, Interface, Math, uC Select, Ohio Sci. uC, Serial I/O, Test Equip, Word Proc.
Rudalics, Martin - LISP, Softw. Utility
Rugg, Tom - Softw. Applic.
Ruggirello, William A - Printer
Runyon, Stan - Test Equip
Rupp, Ed - Debug Hard
Rushing, Cliff - Game: Computer
Russ, Flora - Education
Russell, Jerry - Education, # Base Conv.
Russell, Keith - Ohio Sci. uC
Ryan, Frank - Other uC's
Rydhan, Mohammad - Interface

S

Saal, Harry - PET uC
Sabot, Gary - Analog A/D, I/O
Sachs, Jonathan - Other Lang.
Saillard, J - Calc Prog
Salerno, Frank - Mem: Tape
Salisbury, Alan - Heath uC
Salm, Walter - Power Supply
Salt, Geoffey - Game: Computer
Sampson, Jeffrey R - Intelligence
Samson, William - Softw. Utility
Sancholuz, Arturo - Test Equip
Sandige, Richard - Logic
Sanger, Joseph - Softw. Applic.
Santoni, Andy - uC Fund, uC Select, Prog: Fund., Test Equip
Santore, Ron - Intel uP, Prog: Fund.
Saurweins, - Softw. Applic.
Savage, Earl "Doc" - Calc. Gen, Construc
Savage, Eric D - Business Gen, Softw. Applic.
Savon, Karl - Analog A/D, Mem: Disks, Terminals
Sawusch, Mark - Game: Computer
Sawyer, Michael - Business Gen
Scanion, C H - PET uC
Scarpelli, Anthony - Softw. Assemb.
Schade, Peter - Mem: PROM
Schaefer, K Dieter - Interface
Schaeffer, Anthony - Mem: Tape
Scharlack, Ronald S - I/O
Scharschmidt, Anna K - Graphics, Printer
Scherer, Donald R - Education
Scherer, Victor - I/O, Motorola uP
Schiffer, Dougas - Graphics, Math
Schindler, Max - Softw. Op Sys
Schmeltz, Leslie - Softw. Applic.
Schmidt, Bill - Amateur Radio, Kim uC
Schmidt, Kristi - Game: Computer, Word Proc.
Schmidt, M - Debug Hard, Game: Chess, Game: Computer, Mem: Tape, TRS-80 uC, Shows, Softw. Applic., Softw. Utility
Schnabel, Dennis - Other Lang.
Schneider, Rudy - Mem: Tape

Schneider, Lee - Game: Computer, Humor
Schnell, Phillip - Printer
Schoman, Kenneth - BASIC
Schratz, Gary - Mem: Disks
Schreiber, Linda M - Home
Schreier, Jim - Books, Business Gen, Business Acct, Business Applic., Home, Pilot, Prog: Gen, Softw. Applic., Softw. Op Sys, Softw. Utility
Schultz, Dave - Ohio Sci. uC
Schulz, Walter J - Amateur Radio, Calc Prog
Schuman, Phillip - Mem: Disks, Mem: Tape, SWTPC uC
Schumucker, Kurt - Art
Schwartz, Marc - Game: Computer
Schwartz, Michael - I/O, Plotters, Printer
Schwartz, Nancy - Home
Schweber, Bill - Music
Scoseria, J P - Weather
Scott, Greg B - Business Gen
Scott, Mike - Mem: Test
Scully, Tim - Pilot, Medical
Seaborg, Chuck - Other uP's
Seabrook, R - Calc Prog
Seastrunk, Byron - Motorola uP, Softw. Applic.
Secker, Alan - Prog: Fund.
Seevers, Tom - Test Equip
Segar, Bryce - Weather
Seidel, Robert - Education
Seiler, Bill - BASIC, PET uC, Softw. Utility
Sensicle, Andrew - Kim uC, Softw. Assemb.
Serge, Richard F - Motorola uP
Sevastopoulos, Nello - Analog A/D
Seversen, Larry - Home, Softw. Applic.
Shambaugh, David E - Home
Shankar, S - Digital Hard
Shannon, Paul - Motorola uP
Shapin, Ted - Tiny Lang.
Shapiro, Sydney - Robots
Sharp, Charles - Intel uP, Softw. Utility
Sharp, Robert - Applic. Gen, Business Gen
Sharpiro, Don - Debug Soft, 6502 uP
Shattuck, Bob - Amateur Radio, Education, Kim uC, PET uC
Shatzel, A V - Intel uP, Prog: Fund.
Shaw, Pern - Motorola uP
Shaw, Peter - Terminals
Shepanski, Michael P - TRS-80 uC
Sherburne, John - Graphics, PET uC, Plotters
Sherertz, David D - Other Lang.
Shershow, Harry - Fiction, Game: Chess, Game: Computer, Graphics, Shows
Shih, Kelvin - Power Supply
Showalter, Bruce - Softw. Applic.
Shuford, Richard - TRS-80 uC
Siddons, D - Analog A/D
Siegel, Dorothy - Softw. Op Sys
Silson, R G - Public Access
Silverman, Joel - Modem
Silverston, Stefan M - Other Lang.
Simmons, E Joseph - Speech
Simmons, George - Other uP's
Simon, David E - BASIC
Simon, Irving - Test Equip
Simons, Keneth A - Math, # Base Conv.
Simpson, David - # Base Conv.
Sippl, Charles - Business Gen, Definitions, uC Fund, Per Comput
Sippl, R - Per Comput
Sitton, Gary A - Softw. Utility
Sivak, Gary - Game: Computer, Simulation
Skiff, Donald - Experience, Mem: Disks, Heath uC
Slade, Tom - Control
Slaughter, Phil - TRS-80 uC
Sliger, Edward - Analog A/D
Slough, Warwick - Fiction
Smith, David - PET uC, Test Equip
Smith, David Wayne - Motorola uP
Smith, Don - Softw. Applic.
Smith, Ellison - History
Smith, Fred - TRS-80 uC, Modem
Smith, Jon M - Calc. Gen
Smith, Lionel - Intel uP, Softw. Utility
Smith, Morris - Plotters
Smith, Paul H - Displays 7-seg
Smith, Randy C - Intelligence, Mem: RAM, Softw. Applic.
Smith, Ronald - PET uC
Smith, Scott - Mem: PROM
Smith, Stephen - Graphics, Softw. Applic., Weather
Smith, William R - Elf uC
Smithline, Leonard M - Displays 7-seg
Smola, Paul - Kim uC
Smolin, Roger - Experience, uC Select
Snatoni, Andy - Test Equip
Snigier, Paul - Mem: Disks, uP Select, Terminals
Snow, Mark - Heath uC
Snow, Marlin - Business Acct, Calc Prog
Snyder, Hal - Game: Calc
Socha, Henry - Softw. Applic.
Soderstrom, Randy - Game: Computer
Solomon, Larry - uC Des
Solomon, Leslie - Applic. Gen, Future, Graphics, Mem: Bubble, Atari uC, Per Comput
Sorensen, Villy M - Intel uP
Sorrels, Jerry - Mem: Tape, Printer
Speers, Robert - Softw. Utility
Spencer, Donald - Game: Computer, Humor, Lang. Gen., BASIC, Math Problems, uC Gen.
Spencer, Linda - Education, # Base Conv.
Spencer-Jones, Jack - Business Gen
Spero, Samuel - Education
Sperry, Albert - Other uC's
Spiegel, Phil - Mem: Bubble
Spracklen, Kathe - Graphics, Plotters
Srinivasan, R - # Base Conv.
Stafford, O C - Keyboard
Stakem, Patrick - Robots
Stamm, Dave - I/O, Intel uP
Stamm, Ken - Softw. Utility
Stander, L D - Game: Computer
Stander, P H - Game: Computer
Stanfield, David E - Robots, Softw. Applic.
Stanford, Charles - Game: Elec
Stanley, D - Game: Computer
Stanton, John - BASIC, Softw. Applic.
Staples, Betsy - Applic. Gen, Game: Elec, Shows
Starbuck, Dennis - 6502 uP
Stark, Peter - Game: Computer, I/O, Interface, Mem: Disks, SWTPC uC, Intel uP, Per Comput, Prog: Gen, Stores, Word Proc.
Stark, William - I/O, Other uC's
Starnes, Thomas - Motorola uP
Staugaard, - I/O, Motorola uP
Stec, Henry Jan - Mem: PROM
Stedeford, John - Softw. Applic.
Steele, Guy L - Gen Interest, Lang. Gen.
Steele, Rupert - Game: Computer
Stein, Robert - Softw. Op Sys
Steiner, Ken - Softw. Utility
Stelly, J - Game: Computer

Stephens, Walter L - Analog Hard., Digital Hard, Gen Interest, Logic, uC Fund
Stephens, Walter F - Analog A/D, Logic, uC Fund
Stephenson, John - Mem: PROM, SC/MP uP
Sternberg, Charles - Softw. Applic.
Stetson, Robert - Debug Hard, Digital Hard, Serial I/O, Test Equip
Stewart, Chuck - Mem: Disks, PET uC
Stewart, Harry B - Motorola uP, Softw. Utility
Stirling, Ralph - Construc
Stockburger, David - Math Problems
Stockton, John - I/O, Motorola uP
Stofka, Marian - Test Equip
Story, Glenn - SOL, Serial I/O
Stoutmeyer, David - LISP, Other Lang., Math
Strader, John - Business Gen
Stradling, Keith - Business Acct
Straw, Dick - BASIC, Softw. Applic.
Streater, J W - # Base Conv.
Strom, Charles - Exidy uC
Stuck, H L - Game: Computer
Studenberg, Fred - Amateur Radio
Sturgis, H F - TRS-80 uC
Suchyta, Casmir - Clock
Suitor, Richard - Digital Hard
Sullivan, Dennis - Keyboard
Sullivan, J F - Keyboard
Sunderland, Stephen - Softw. Applic.
Sundman, Guy - Debug Hard
Suri, Ashok - Other uP's
Sutton, Patrick - Kim uC
Swaminathan, M S - Mem: PROM
Swank, Joel - I/O, Kim uC
Swanson, Mark - Prog: Fund.
Swanson, Paul - Mem: Bubble
Swenson, Carl - Apple uC, Softw. Op Sys
Swift, G W - Softw. Utility
Swindell, Jack - Ohio Sci. uC

T

Taber, Jon K - Gen Interest, Public Access
Tabler, Steve - Softw. Applic.
Tachner, Leonard - Gen Interest, Prog: Gen
Tacton, Ken - Game: Computer, Softw. Applic.
Taft, S Tucker - LISP
Tan, T G - 6502 uP, Motorola uP
Tanis, Elliot - Game: Computer, Simulation
Tanner, Pat - Home
Tarantino, Joseph - Medical
Tarnopol, Lewis - Mem: Tape
Tarvydas, Paul - LISP
Tater, Gary - Kim uC, Softw. Utility
Taylor, Chris Lusby - Softw. Utility
Taylor, Jack - Softw. Applic.
Taylor, William - Amateur Radio, Construc, Graphics, BASIC, Mem: Test, Ohio Sci. uC, Softw. Utility
Tebbutt, David - Game: Elec
Teeters, Jeff - Game: Chess, Kim uC
Teitzel, Robin - # Base Conv.
Teja, Edward - Develop Sys, Pascal, Intel uP, Prog: Fund., Softw. Assemb., Softw. Utility, Speech, Word Proc.
Tejera, Al - SWTPC uC
Tekulsky, Matthew - Business Gen, Gen Interest, Stores
Temple, James - Construc
Tennant, Chris - Video Displ.
Tentarelli, K D - Debug Hard
Terwilliger, Curt - Mem: Disks
Thomas, Charles - Amateur Radio, Softw. Utility
Thomas, Owen F - Printer
Thompson, Bob - Construc, Motorola uP
Thompson, N - Tiny Lang., Softw. Op Sys
Thompson, Ray - TRS-80 uC
Thompson, Tom T - Debug Hard, Displays 7-seg
Thornburg, Katie - Education, Pilot
Thornburg, David - Education, Pilot
Thornton, Adrian - Clock, Game: Computer, Heath uC, Softw. Applic., Softw. Utility
Throop, Thomas - Game: Computer
Thurston, Ian - Softw. Applic.
Tietz, David L - Other uC's
Timothy, Keith - Debug Hard, Test Equip
Tinsley, Robert - Game: Computer
Tipton, Ron - Business Applic.
Tisher, Stan - Business Applic., Softw. Applic.
Titus, C - Analog Hard., Analog A/D, Clock, Digital Hard, Displays 7-seg, I/O, Keyboard, Mem: RAM, uC Des, uC Fund, TRS-80 uC, Intel uP, Motorola uP, Prog: Fund., Softw. Applic.
Titus, J - Analog Hard., Analog A/D, Clock, Construc, Digital Hard, Displays 7-seg, I/O, Keyboard, Mem: RAM, TRS-80 uC, Intel uP, Motorola uP, Prog: Fund.
Toliver, David - Softw. Applic.
Tolman, David - Education, Math
Toncre, Gary - Amateur Radio
Torgerson, Curt - Education, Game: Computer
Toth, Frank S - Calc Prog, Education
Tovar-Medina, Roberto - Digital Hard
Townsend, Carl - Stores
Townsend, Matt - Intel uP
Toyoda, Kazuhiro - Mem: RAM
Tracton, Ken - Game: Computer, uC Gen., Softw. Applic.
Tremblay, Dana - Math
Trimmer, William - Construc
Tripp, Robert - Mem: PROM, Kim uC
Trombetta, Michael - Home
Trott, Graham - Motorola uP
Ttius, - Displays 7-seg
Tubb, Philip - Tiny Lang., Other Lang., Softw. Applic.
Tulloch, Joseph - Other Lang.
Tulloch, Michael - Interface, Mem: Disks, Apple uC, PET uC, Modem, Softw. Utility
Tully, Ray - Elf uC
Tuma, D T - Other Lang.
Turner, Bill - Home, Prog: Fund., Serial I/O, Video Displ.
Turner, P J - TRS-80 uC
Tuthill, M - Analog A/D
Twaddell, William - Mem: Bubble
Twombly, Chesney - Heath uC, Softw. Op Sys

U

Uebelhor, Maurice - Video Displ.
Uecker, Ed - Intelligence
Ulasovetz, Roger - Home
Ulmer, David - Develop Sys
Unwin, A W - Logic
Upton, - Business Acct

V

Valliant, William - Mem: Disks, Mem: Tape
VanBuer, Darrel J - LISP, Other Lang.
Van Tassel, D - Fiction, Prog: Gen

VanTassel, James - Gen Interest
Vann, Keith - Pilot
Vansickel, Pete - Intelligence
Varney, Douglas - Calc Prog
Veit, Stanley - Per Comput
Verhofstadt, Peter - Other uP's
Verne, Jules - Fiction
Vershen, Eryk - Game: Computer
Victor, John - Atari uC
Vinge, Vernon - Prog: Gen, Stores
Vizzone, Raymond - Art, Graphics
Vogt, Merle - uC Des
Volk, Andrew - Mem: RAM
Volp, Jeff - Serial I/O
Voros, Todd - Game: Computer, Humor
Vrtis, Nicholas - Pilot, Kim uC, Softw. Utility
Vukcevich, Ray - Business Applic.

W

Wade, - Business Acct
Wagner, William S - Clock, Music, Speech, Test Equip
Waite, Mitchell - Future, Graphics, uC Fund, Apple uC, Per Comput
Waldie, George - Amateur Radio
Walker, A W - Terminals
Walker, John - Game: Computer, Interface, Softw. Utility
Walker, Larry - Home
Walker, William - Medical
Wall, Ernst L - Error Correc
Wallace, Chris - Mem: RAM
Walsh, William - I/O, Prog: Gen, Prog: Fund.
Walter, Russ - uC Fund, TI uC, Per Comput
Walters, Bill - Mem: PROM
Wantz, Sherman - Business Applic., TRS-80 uC, Printer, Video Displ., Word Proc.
Ward, Chris - Experience
Ward, Don - Softw. Utility
Warren, Carl - Applic. Gen, Medical, Mem: Disks, Compucolor uC, TRS-80 uC, SWTPC uC, TI uC, Printer, Terminals, Word Proc.
Warren, John - Softw. Applic.
Warvik, John J - Education
Wasserman, Judith - Applic. Gen, Art
Wasserman, Paul - 1802 uP, Softw. Utility
Watson, Allen - Graphics, Humor, Apple uC, Softw. Assemb.
Watt, Daniel - Education, Other Lang.
Watters, David - Game: Chess
Wecker, D B - Other Lang.
Weibel, Sugaya - Education
Weil, Robert - Keyboard, Printer
Weiner, Richard - Mem: Disks
Weinstein, Martin Bradley - Future, Humor, Test Equip
Weisbecker, Joe - Game: Computer
Weisberger, Alan - Communication
Weiss, Wm V - Education, Medical
Weissberger, Alan - Modem, Serial I/O
Welch, Steven - Mem: Tape, Kim uC
Weller, Art - # Base Conv., Softw. Applic., Word Proc.
Weller, W J - Intel uP, Zilog uP, Prog: Fund.
Wellington, Les - uC Des
Wells, Arthur - Game: Computer, Pilot
Wells, George - Kim uC
Wells, Ralph - PET uC
Wels, Byron - Per Comput
Wennberg, Paul - Softw. Applic.
West, Ray - Game: Computer
Westlake, Cathy - Art
Wetherell, Charles - Business Acct, Game: Computer, Math, Math Problems, Softw. Applic., Softw. Utility
Weydert, - Education
Weyhrauch, Richard - LISP, Logic
Whack, Margaret - Books, Softw. Applic.
Whaland, Norman - Prog: Fund.
Whaley, C P - Softw. Applic.
Wheat, Laurence H - Education
Wheeler, Ken - Game: Computer
Wheeler, Steve - Apple uC
Whipple, Dick - Mem: Disks
White, Andrew - Test Equip
White, George - Error Correc, uC Des
White, James S - Business Gen
White, Loring C - Game: Computer, Home, Softw. Applic.
White, Ralph - Home, Softw. Applic.
Whitehead, David A L A - Business Applic., Softw. Applic.
Whitesell, Rick - Home
Whiteside, Thomas - Gen Interest
Whitmore, Jack - Modem
Wicks, A S - Construc
Widelitz, Kenneth S - Business Gen, Prog: Gen, Prog: Fund.
Widlar, Robert - Analog Hard.
Wiener, Chris - Amateur Radio
Wiener, Paul - PET uC, TRS-80 uC
Wier, Robert - Mem: Disks, Terminals
Wierenga, Theron - Word Proc.
Wieselman, Irving - Printer
Wilenken, Dick - Analog Hard.
Wilkinson, K S - I/O
Wilkinson, Philip - Fiction, Pilot, Medical
Williams, Don - Motorola uP
Williams, G P - Shows
Williams, J C - Analog A/D
Williams, LKR - Softw. Assemb., Softw. Utility
Williams, Ron - Amateur Radio, Interface
Williams, Sheridan - Game: Computer, Other uC's, Softw. Applic.
Williamson, S A - Fiction
Willis, J G - Calc Prog
Wilnai, Dan - Other uP's
Wilson, George - Power Supply
Wimble, Michael - Error Correc
Winkless, N B - Applic. Gen, Softw. Applic.
Winter, Keith - Other uP's
Winter, M - Game: Computer
Winterbauer, Charley - Word Proc.
Winters, Ken - Amateur Radio, Business Applic.
Withers, Steve - Game: Computer, Speech
Witt, David R - Business Acct
Wolf, Mike - TRS-80 uC, Softw. Assemb.
Wolfe, Gordon W - Softw. Utility
Wolfe, Karen S - Business Applic., Construc, Home, Per Comput, Softw. Applic.
Womack, Dennis - Softw. Utility
Wood, Don - Gen Interest, uC Select
Woodhill, Albert - Amateur Radio, Debug Soft
Woods, Adrian - Business Applic.
Woods, Dick - Mem: PROM
Woodward, James L - Test Equip
Woodward, Paul - North Star uC
Woolland, Barry - Prog: Fund.
Woolley, Robet D - Education

Woolsey, Jerry - Logic
Worley, Mark - Medical
Worsley, D R - Business Gen
Worth, N - Motorola uP, Softw. Utility
Wright, Eugene - Business Gen
Wright, Jim - TRS-80 uC, Printer, Speech
Wright, Richard - SWTPC uC, Softw. Utility
Wright, Rodney - Mem: Disks
Wuchter, Earl - PET uC
Wunner, John - Music

Y

Yager, Charles - Develop Sys, Intel uP
Yakush, S A - Calc Prog
Yamatake, Mineo - Analog Hard.
Yanny, Brian - Math Problems
Yap, Carrie Agnes - Game: Calc
Yarrow, Sheppard - Game: Computer
Yeager, George H - Graphics, TRS-80 uC
Yecharis, Len - Mem: Disks, Mem: Tape
Yob, Gregory - Clock, Gen Interest, Graphics, PET uC
Yost, John - Business Applic., TRS-80 uC
Young, Dennis - Mem: RAM
Young, Gary - Home, Softw. Applic.
Young, Sam - Mem: RAM
Yourdon, Edward - Prog: Struct.

Z

Zacks, David - Mem: Bubble
Zaks, Rodnay - Business Gen, Mem: Disks, uC Fund, uP General, 6502 uP, Per Comput
Zamora, Ramon - Applic. Gen, Art, Game: Computer, TRS-80 uC
Zant, R F - Apple uC, Prog: Struct., Softw. Applic.
Zarrella, John - Softw. Op Sys
Zimmerman, Mark - Game: Calc, Graphics, Math, PET uC, Simulation
Zimmerman, Joan - Pilot, Prog: Fund., Softw. Applic.
Zitz, John - uC Gen., uC Select
Zorn, Michael - Graphics
Zuber, Jim - Debug Soft
Zuch, Eugene - Analog A/D
Zussman, Ronald - Calc Prog, uC Des

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